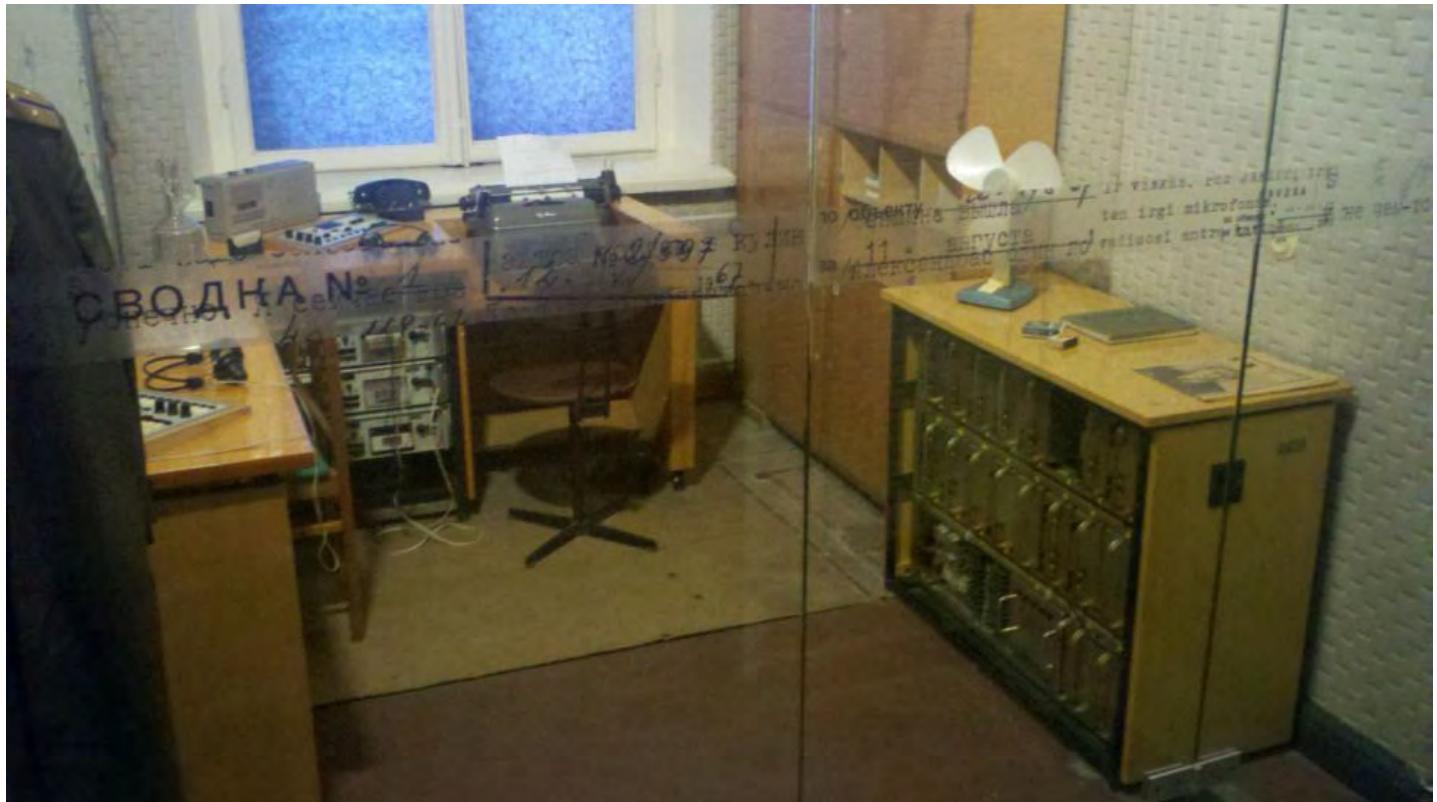


ENIGMA 2000 NEWSLETTER



<http://www.enigma2000.org.uk>



Telephone Interception Office [Exhibit Lithuanian Museum of Genocide]

During the Soviet occupation of Lithuania certain 'crimes against the State' were perpetrated.
Interception of suspects' telephone useage was routinely carried out, from an office
just like this.

Thanks to the member who anonymously sent this in

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January 2012

<http://www.enigma2000.org.uk>

ISSUE 68 January 2012.

A Happy New Year to our members

Once again we are hit with gremlins, again with MikeL who emailed me to state he was unable to meet our deadline as he was cut off due to his phone lines being down. I too lost a serious amount of data with the failure of my external HDD, but nonetheless I keep a copy of the draft newsletter elsewhere.

Station activity

Morse

Morse activity continues, however BR notes that since the start of the new year M12 has severely reduced its transmissions. Looking at the pattern it seems that the IDs that BR calls the "core IDs" are all missing – that is 124, 257 & 463 which is a huge chunk of the output. This coupled with the cessation of the MCW schedule suggests the future of M12 may not be too rosy.

M23, M51, M89 and M97 all being adequately reported. Reports have also been received for M03 [used to be the reserve of JoA who sadly passed away recently] and the occasional M08a report.

Voice

E06 continues its sendings unabated; the weekend early morning slots being exceedingly strong with the occasional unexplained hard to hear events.

E07 has continued with its mix of transmission quality across the last year; sometimes strong and sometimes absolutely diabolically weak audio on strong carriers. E07a continues as a strong signal but the sending of null messages or the strange repeats of previously sent content occur with increased frequency. An eye on E07a may show some changes in the New Year.

E17z the usual style of message with difficult pronunciation was seen across the year with the then change to null message for the latter part.

E25 continues on 6140 and 9450kHz. Better heard in Europe proper its interception in the UK is difficult, if not impossible, for most of us. E2k relies on those in Europe and the Mediterranean areas for their reports; many thanks for those.

Family 3 stations: These still continue to send daily with no apparent slowing down of content.

G06 has continued throughout the last year with its usual signal strengths; a short discussion some years back suggested that G06 is the nearest we now get to the Cold War style German language station and its good to hear it continuing, apparently unabated.

S06 and its variants continue with their usually strong signals and logs are always forthcoming for this station.

V02a Cuban station seems to be less reported than usual and its sad to see the majority of reports coming from Europe and the Argentine when the transmissions are widely heard throughout the US, where we have a member base.

V07 and upwards seem to be the realm of T and it is here that we share information with N&O and whilst E2k likes to have a different content for obvious reasons we are happy to use the reports from T.

Polytones and Digital Incursions

The interest in polytones has risen since the provision of Ian Wraith's excellent Rivit decoder. However, the XPA broadcast schedule at 0440/0540z is almost certainly that used by the two German spies arrested on 18th October, 2011. Read later.

The number of XPA2 transmissions has diminished since the summer. That of course doesn't mean there's less sendings, rather they are not being found.

Ian Wraith's new column Digital, Incursions and Unexplained Signals is very popular and well received by our readership. Please feel free to offer intercepts of this material via our Group site.

Use of ENIGMA 2000 material

With the sheer amount of stuff that has been taken from our Group as well as our webpages there have been complaints from members whose work has appeared elsewhere with the permission of the originator being sought. WE do view this practice dimly and request that if anyone wishes to use E2k stuff they ask first. We have rarely said no to a direct response but just to take and use is more than just bad manners.

Membership

We receive many applications to join us; most are unsuccessful. The email which instructs on how to make a successful application is either ignored or because it says we look for contributing members suggests those applying are actually non-contributing types who like to take everything for nothing. Those who have successfully joined have, in the main, contributed well although some have been removed through inactivity. It is at this point that I must state that those members, old and new, who have not contributed [but have selected individual mails] will be removed in due course.

I'd like to thank all those who have supported ENIGMA 2000 over the past year in many ways. We have non-members who more than support us too, so a special thanks there as well.

MORSE Round up

M01/1

BR's logs November and December

5320	1800z	01 Nov	'197' 437 30 == 64071, Strong, Med-fast,
4490	2000z	01 Nov	'197' 788 30 == 98565, Strong, Med-fast
4490	2000z	03 Nov	'197' 813 30 == 28019, Good, Fast
5465	0700z	06 Nov	'197' 217 30 == 69076, Weak, Fast
4490	1800z	08 Nov	'197' 762 30 == 72231, Strong, Fast, many errors, used 2000z freq.
4490	2000z	08 Nov	'197' 136 30 == 43329, Good, Med-fast
5320	1800z	10 Nov	'197' 319 30 == 66984, Strong, Fast increasing speed during msg.
4490	2000z	10 Nov	'197' 939 30 == 84042, Good, fast but disjointed
5810	1500z	12 Nov	'197' 037 30 == 68527, Good, Fast
5465	0700z	13 Nov	'197' 519 30 == 40217, Fair, Fast
5320	1800z	15 Nov	'197' 279 30 == 20356, Strong, Slow, ending 00000 000
4490	2000z	15 Nov	'197' 390 30 == 87901, Strong, Corrected error
5320	1800z	17 Nov	'197' 111 30 == 27525, Strong, Fast, Severe QRM XJT
4490	2000z	17 Nov	'197' 814 30 == 67492, Strong, Fast
5810	1500z	19 Nov	'197' 97046 == 97046, Fair, Fast
5465	0700z	20 Nov	'197' 438 30 == 47295, Good / Strong, Fast
5320	1800z	22 Nov	'197' 707 30 == 37158, Good, Med-fast, Corrected & uncorrected errors
4490	2000z	22 Nov	'197' 077 30 == 85759, Good, Med-fast
5320	1800z	24 Nov	'197' 728 30 == 86688, Poor
4490	2000z	24 Nov	'197' 609 30 == 76219, Strong, Fast, Numerous errors
5810	1500z	26 Nov	'197' 503 30 == 66700, Good, Fast
5465	0700z	27 Nov	'197' 810 30 == 61419, Strong, Med-fast, Corrected error on DK
5320	1800z	29 Nov	'197' 091 30 == 55455, Strong, Slow, Multiple errors
4490	2000z	29 Nov	'197' 520 30 == 90251, Strong, Slow
5320	1800z	01 Dec	'197' 438 30 == 20442, Weak, Fast
4490	2000z	01 Dec	'197' 610 30 == 23229, Good, Fast
5810	1500z	03 Dec	'197' 246 30 == 78158, Good, Fast
5465	0700z	04 Dec	'197' 321 30 == 64640, Good, Fast
5320	1800z	06 Dec	'197' 301 30 == 07391, Good, Fast
4490	2000z	06 Dec	'197' 138 30 == 37842, Strong, Fast
5320	1800z	08 Dec	'197' 612 30 == 67169, Good, Fast
4490	2000z	08 Dec	'197' 443 30 == 36039, Strong, Fast
5810	1500z	10 Dec	'197' 214 30 == 62146, Strong, Fast - wound down to slow near end - bizarre!
5465	0700z	11 Dec	'197' 457 30 == 42081, Fair, Fast, DK at end sent as 4578 457
5320	1800z	13 Dec	'197' 931 30 == 13108, Good, Fast
4490	2000z	13 Dec	'197' 128 30 == 12644, Strong, Fast
5320	1800z	15 Dec	'197' 537 30 == 18733, Good, Fast
4490	2000z	15 Dec	'197' 391 30 == 18460, Fair, Med-fast
5810	1500z	17 Dec	'197' 210 30 == 72721, Strong, Fast
5465	0700z	18 Dec	'197' 862 30 == 35990, Strong, fast, with errors
4490	2000z	20 Dec	'197' 813 30 == 10692, Good Fast
5320	1800z	22 Dec	'197' 011 30 == 12345, Weak, Fast, note first grp 12345
4490	2000z	22 Dec	'197' 342 30 == 24189, Strong, Fast, note last grp 09876
5810	1500z	24 Dec	'197' 553 30 == 02487, Strong, Fast
5465	0700z	25 Dec	'197' 448 30 == 73328, Fair, Fast
5320	1800z	27 Dec	'197' 171 30 == 78041, Good, fast, note" ==" missing from start of msg
4490	2000z	27 Dec	'197' 804 30 == 23419, Strong, Slow
5320	1800z	29 Dec	'197' 314 30 == 11866, Strong, Severe QRM from modulated tones
4490	2000z	29 Dec	'197' 926 30 == 48862, Strong, Fast
5810	1500z	31 Dec	'197' 048 30 == 65043, Good, Fast

M23

This station carries on being inconsistent, procedural transmissions only with time, frequency and triplet changes.

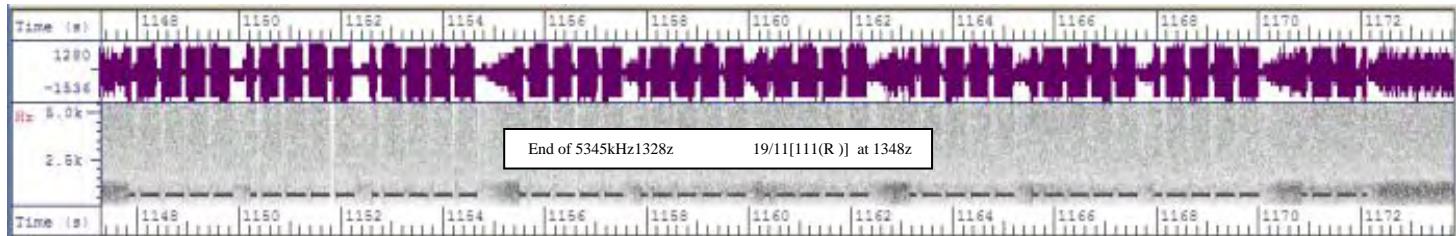
In order to overcome these changes 4951, 4980 and 5345kHz have been guarded from 0700 to 2200z for the whole month of November 2011 using three receivers coupled to independent antennae.

The same patterns have continued in December 2011

Others' logs

November 2011:

4951kHz1758z	02/11[579(R)] 1810z	Very strong ended '5' //5345kHz	PLdn,DoK,GD	WED
4951kHz1658z	05/11[246(R)] 1721z	Both strong //5345kHz	PLdn,Dok,JPL	SAT
4951kHz1758z	05/11[246(R)] 1813z	Both strong //5345kHz	PLdn,Dok,JPL	SAT
4951kHz1658z	06/11[246(R)] 1721z	Both strong //5345kHz	PLdn,Dok,JPL	SUN
4951kHz1758z	06/11[246(R)] 1813z	Both strong //5345kHz	PLdn,Dok,JPL	SUN
4980kHz 1328z	25/11[111(R)] 1348z	Fair //5345kHz	DoK, PLdn	FRI
5345kHz1758z	01/11[579(R)] 1810z	Very strong ended '5' 4951kHz	DoK, GD	TUE



5345kHz1328z	18/11[111(R)] 1348z	Strong	DoK	FRI
5345kHz1328z	19/11[111(R)] 1348z	//4980kHz strong, //very weak	DoK,PLdn	SAT
5345kHz 1328z	20/11[111(R)] 1348z	//4980kHz strong //NRH	DoK,PLdn	SUN
5345kHz1328z	21/11[111(R)] 1348z	Strong	DoK	MON
5345kHz1327z	22/11[111(R)] 1348z	Strong //4980kHz NRH	DoKPLdn	TUE
5345kHz 1327z	23/11[111(R)]1348z	Strong //4980kHz NRH	DoK, PLdn	WED
5345kHz 1327z	24/11[111(R)]1348z	Strong //4980kHz NRH	DoK, PLdn	THU
5345kHz 1328z	25/11[111(R)] 1348z	Strong //4980kHz	DoK, PLdn	FRI

December 2011:

4951kHz 0855z	05/12[579 (R)]Strong; started 0845z tone at 0843z //5345z	PLdn	MON	
5345kHz 0957z	02/12 [579(R)] 1009z Fair, QSB3	(9m07s)	PLdn	FRI
5345kHz 0845z	05/12[579 (R)]Strong; tone at 0843z //4951	DoK,PLdn	MON	
5345kHz1000z	06/12[579 (R)]Strong; tone at 0957z 4951kHz [not used as // this tx] 1014z	DoK,PLdn	TUE	
5345kHz 0957z	10/12 Single bleep only	DoK,PLdn	SAT	
5345kHz 1001z	11/12[579(R)]1013z Fair, Tone 0958z	(11m59s)	DoK,PLdn	SUN

M23 Known Frequencies

Recently Active

4030	6806	9069	11000	13400
4980	6937	9120	11170	13417
4951	6961	9125/8	11422	13454
	6961	9143	11429/30	
		9218	11442	
		9245		
		9750		
5182	7542			
5345	7785			
5450	7920			
5665				
5670			12170	14450
5760			12200	14600
5914		10000	12220	14710
		10551	12279	
		10650	12700	
		10708		
		10780		
		10916		
	8030			
	8150			
	8810			

M23 November 2011 activity

Freq	//	Tue 01	Wed 02	Thu 03	Fri 04	Sat 05	Sun 06	Mon 07	Tue 08	Wed 09	Thu 10	Fri 11	Notes
5345	4951			NRH				NRH	NRH	NRH	NRH		
	4980												
5345	4951					1654							Blip/Tone
5345	4951				1658	1658	1658						246
5345	4951				1754	1754	1754						Blip/Tone
5345	4951	1758	1758										579
					1758	1758	1758						246
Freq	//	Thu 17	Fri 18	Sat 19	Sun 20	Mon 21	Tue 22	Wed 23	Thu 24	Fri 25	Sat 26	Sun 27	Notes
5345	4951			0800							NRH		
5345													1016
5345													1054
5345													1133
5345													1245
5345													1256
5345													
5345													1309
5345			1323	1323	1323			1323	1323				Blip/Tone
5345							1325						Blip/Tone
5345	4980		1327							1327			111
5345	4980		1328		1328	1328	1328		1328				111
5345								1335					Blip/Tone
5345	4980							1338					111
5345													1344
5345													Blip/Tone

M23 November 2011 activity				
Day/Date	Freq //	Content	Start	Finish
Tues 01	5345//4951kHz	579	1758	1810
Wed 02	5345//4951kHz	579	1758	1810
Thu 03	5345//4951kHz	NRH		
Fri 04	5345//4951kHz	246	1658	1720
Fri 04	5345//4951kHz	Blip/Tone	1754	
Fri 04	5345//4951kHz	246	1758	1812
Sat 05	5345//4951kHz	Blip/Tone	1654	
Sat 05	5345//4951kHz	246	1658	1720
Sat 05	5345//4951kHz	Blip/Tone	1754	
Sat 05	5345//4951kHz	246	1758	1813
Sun 06	5345//4951kHz	246	1658	1720
Sun 06	5345//4951kHz	Blip/Tone	1754	
Sun 06	5345//4951kHz	246	1758	1813
Mon 07	5345//4951kHz	NRH		
Tue 08	5345//4951kHz	NRH		
Wed 09	5345//4951kHz	NRH		
Thu 10	5345//4951kHz	NRH		
Fri 11 to Thu 17	5345//4951kHz	NRH		
Fri 18	5345//4980kHz	111	1328	1348
Sat 19	Off Watch		0800	1300
Sat 19	5345kHz	Blip/Tone	1323	
Sat 19	5345//4980kHz	111	1327	1348
Sun 20	5345kHz	Blip/Tone	1323	
Sun 20	5345//4980kHz	111	1328	1348
Mon 21	5345kHz	Blip/Tone	1323	
Mon 21	5345//4980kHz	111	1328	1348
Tue 22	5345kHz	Blip/Tone	1325	
Tue 22	5345//4980kHz	111	1328	1348
Wed 23	5345kHz	Blip/Tone	1335	
Wed 23	5345//4980kHz	111	1338	1348
Thu 24	5345kHz	Blip/Tone	1323	

M23 November 2011 activity continued:

Day/Date	Freq //	Content	Start	Finish
Thu 24	5345kHz	111	1328	1347
Fri 25	5345kHz	Blip/Tone	1323	
Fri 25	5345kHz	111	1328	1347
Sat 26	5345//4980kHz	NRH		
Sun 27	5345kHz	Blip/Tone	1030	
Sun 27	5345kHz	Blip/Tone	1054	
Sun 27	5345kHz	Blip/Tone	1133	
Sun 27	5345kHz	Blip/Tone	1245	
Sun 27	5345kHz	Blip/Tone	1256	
Sun 27	5345kHz	Blip/Tone	1309	
Sun 27	5345kHz	Blip/Tone	1344	
Sun 27	5345kHz	Blip/Tone	1351	
Mon 28	5345//4980kHz	NRH		
Tue 29	5345//4980kHz	NRH		
Wed 30	5345//4980kHz	NRH		

This station carries on being inconsistent, procedural transmissions only with time, frequency and triplet changes.

In order to overcome these changes 4951, 4980 and 5345kHz have been guarded from 0700 to 2200z for the whole month of November 2011 using three receivers coupled to independent antennae.

The same patterns have continued in December 2011

Many thanks DoK

M51

[Many excellent logs submitted, these here a representation].

4477kHz0003z	03/11[NR 48 N 03 01:03:40 1983 BT VPTMN ... XFLDN BT] 0008z Fair QRN3 QSB3	Spectre	THU
0227z	03/11[NR 71 N 03 03:27:27 1983 BT GQGCY ... UVBIL BT] 0233z Fair QRN3 QSB3	Spectre	THU
2239z	05/11[NR 64 N 03 23:39:57 1983 BT MLDQF ... TVOJU BT] 2245z Weak QRN3 QSB3	Spectre	SAT
0218z	06/11[NR 09 N 04 03:18:12 1983 BT PTBUQ ... SEHEN BT] 0224z Weak QRN3 QSB3	Spectre	SUN
0047z	03/11[NR 55 N 03 01:47:23 1983 BT JHWYP ... ICFSP BT] 0053z Fair QRN3 QSB3	Spectre	THU

M51 4477kHz 0047z 03/11 Transcript:

BT NR 55 N 03 01:47:23 1983 BT
 JHWYP JGWQI KPFBX BFGWC ERZPC NYKYI ELGOC XHETD TSGFP ZWMUL
 SDWHZ IBTCV EJIME FFUCK QOGZP IKDTG LBOYU WOMXF SVPLF VNXPQ
 WTWXE JHOP KGQMO UPTIS FMBLJ XTRTY GYCBS SPRCT MQACW YQINH
 EOPTD BGZIF KHZOS HQOQI HUETC LPDNQ HCGOS TTMLG ROYNM UGRNV
 NQAXD KJUKN TFEYZ ZFBLW TIMPZ YBFSN KVKHJ AKLWO WGOXY WBFLW
 QVLCB GBLZA EERGT NHLOR XDPAC ZYKSG HPKLK KVIWQ DRGOY WBFLW
 SEDRE GDFAH AJDS BYLML ATHAA FFBKK BLMEI JIAJP QTPMV KFNZN
 DGEZ KFDQI VTYRZ ZTGTB ESPGI NPEMC ZAZGB ZNOLM TORJY OADUG
 ETSLL NIGLX RJXOR VMWYN YLHPI ARITH DHICA DDJAK HPXLE WBIDE
 DWNMJ YFBQV XIWCA UWMEU CQCZB SXSGY XKTQJ DHFTO BEWEF ICFSP
 BT
Courtesy Spectre

4477kHz2004z	20/11[NR 27 N 21 21:04:58 1983 BT CXBHS ... VHAFI BT] 2010z Fair QRN2 QSB3	Spectre	SUN
2011z	20/11[NR 28 N 21 21:11:12 1983 BT PEWZW ... YGCHP BT] 2017z Fair QRN2 QSB3	Spectre	SUN
2017z	20/11[NR 29 N 21 21:17:32 1983 BT UVUEO ... RAYEG BT] 2023z Fair QRN2 QSB3	Spectre	SUN
2023z	20/11[NR 30 N 21 21:23:41 1983 BT GMFBA ... FBWAM BT] 2029z Fair QRN2 QSB3	Spectre	SUN

NR 30° N 21 21:23:41 1983 BT
GMPFB RWNDH OSWEA TNVKQ GXMMR ZXHXB ISHFY ZJESH WGSQO JNXWJ
LQEKO XPCFT VKAC5 CYCQA VDZ1 JIFKZ NGIE GLLFS DWQIS EULVX
DQBXM NYYBR RPEDC WYNEH RRZUR GEGVF ZKTSR VAPQT XBSGS GOXPR
EDDXO EUAC0 CARWV AGYTR OOMVI LWE5M TQBJU QALXT EBXWZ ZLNNI
YTLPA OLNRR SBQKU QWSKS PNRJR IYXD VQHUA LFAIS NUXKA DPEOI
DCTS2 HTJOI HUHQ JFID PFVWW VCEYH KTHJW VGYPK YACKV KSIVG
UHVKL KGYZR RDMTX ENMZI QIPKJ YOVKC IKZTW HCQWQ CGVWG WUOUN
YJRI GRGRC CXORX VISBM GZESS IAGOV HEWEYI RWSFL QJEZW LPLUF
GKDGI JANHS OFEQA UBDRJ OHQUB NXBQH MJTPF WMHPG MTZPC DBNEP
ZFXLLE UGGJE HEIWK YAPBU SFLTT GUETF FTQZF GVYFE FRLNH FBW
BT Courtesy Spectre

Courtesy Spectre

10510kHz1544z 25/11 [NR 26 N 22 16:44:57 1983 BT LQIDH ... GTEVT BT] 1551z Fair QRN2 QSB3
10510kHz1551z 25/11 [NR 27 N 22 16:51:12 1983 BT OTSPA ... RLQKA BT] 1557z Fair QRN2 QSB3

Spectre
Spectre

FRI

10510kHz 1551z 25/11 Transcript:

NR 27 N 22 1651:12 1983 BT
OTSPS VBCUN NWHGJ HNELB UNUZX FVOZJ GJVIZ XKSLF UDLFV FZBHN
HEHWK PPFUR GUNDO QJZDH WBXXD XRAP KFNYS RPRMT JRSNS UFOKL
WLBBGJ TYRWG VBCGW BHZZQ XLOAM QLWRB DAIEN BZDJ0 MOJY AHMCT
WRBLW ILIBR GSVBZ OJSAB BWJFQ FZQVM DBEXW UGONT OFPRP LNQJZ
NCXDL ZBANN SOKZN ZTNKY MCNKX WUICM XQBHU HGOLB MWKOR PDPNV
KZYPH XPNWN BFDCQ EXMPR EKZEJ OSBZA HEALP PVBQP MGPAT PPZNC
YDLUS QIYDN OLSJG MWIRD JKJBV BEEUG CXUTG WRWEK MGCSU WQJED
DCMYS RTNKG KHFWL KEZHD XVGVN QYQVU VJDSD RXGHS ENCSQ GFYLYH
LCRLU FILZD AQAMF NXOYD EWWHV WHRFH JTJBV UBSQ CKSCX VQWRC
VYTHM ABLGW NIAR UWQBG NEYZN RMYHV WKLQA JSQQU SBEDS RLQKA
BT Courtesy Spectre

Courtesy Spectre

10510kHz1557z 25/11[NR 28 N 22 16:57:30 1983 BT CDHWP ... ARTSJ BT] 1603z Fair QRN2 QSB3
10510kHz1603z 25/11[NR 29 N 22 17:03:42 1983 BT FZVRX ... WRIHS BT] 1609z Fair QRN2 QSB3
10510kHz1622z 25/11[NR 32 N 22 17:22:24 1983 BT UGVQP ... BHEHY BT] 1628z Fair QRN2 QSB3
10510kHz1628z 25/11[NR 33 N 22 17:28:35 1983 BT NOPYK ... DHJYL BT] 1634z Fair QRN2 QSB3

Spectre
Spectre
Spectre
Spectre

FRI

38800Hz0001z 11/12 [NR 73 D 09 00:59:23 1983 BT ZDTHY ... TOXVV BT] 0007z Fair QRN3 QSB3
0007z 11/12 [NR 74 D 09 01:07:03 1983 BT BKKXQY ... XTHTP BT] 0013z Fair QRN3 QSB3
0013z 11/12 [NR 75 D 09 01:13:20 1983 BT IJMOR ... XJHBE BT] 0019z Fair QRN3 QSB3
0019z 11/12 [NR 76 D 09 01:19:30 1983 BT HWTMG ... JOQQM BT] 0025z Fair QRN3 QSB3
0025z 11/12 [NR 77 D 09 01:25:50 1983 BT JUGJA ... KYQFN BT] 0032z Fair QRN3 QSB3
0031z 11/12 [NR 78 D 09 01:31:02 1983 BT CVMEX ... TBKQW BT] 0037z Fair QRN3 QSB3
0037z 11/12 [NR 79 D 09 01:37:25 1983 BT MYGMS ... MRCHT BT] 0044z Fair QRN3 QSB3
0044z 11/12 [NR 80 D 09 01:44:26 1983 BT SOZEU ... FGGTO BT] 0050z Fair QRN3 QSB3
0050z 11/12 [NR 81 D 09 01:50:49 1983 BT LQDZI ... EDSTT BT] 0057z Fair QRN3 QSB3
0057z 11/12 [NR 82 D 09 01:57:13 1983 BT EHRCO ... CKPUG BT] 0103z Fair QRN3 QSB3
0103z 11/12 [NR 83 D 09 02:03:43 1983 BT TZBGF ... CNMML BT] 0109z Fair QRN3 QSB3
0109z 11/12 [NR 84 D 09 02:09:32 1983 BT ASXPX ... WEMXT BT] 0115z Fair QRN3 QSB3
0115z 11/12 [NR 85 D 09 02:15:50 1983 BT QFQXW ... COOXH BT] 0122z Fair QRN3 QSB3
0122z 11/12 [NR 86 D 09 02:22:08 1983 BT NMROF ... RFREP BT] 0128z Fair QRN3 QSB3
0147z 11/12 [NR 90 D 09 02:47:10 1983 BT KDNZH ... UVQUC BT] 0153z Fair QRN3 QSB3
0153z 11/12 [NR 01 D 09 02:53:24 1983 BT BLXMI ... NTOEH BT] 0159z Fair QRN3 QSB3
0159z 11/12 [NR 02 D 09 02:59:36 1983 BT FLUJP ... JBUKH BT] 0205z Fair QRN3 QSB3
0205z 11/12 [NR 03 D 09 03:05:53 1983 BT RXJEN ... BBGIM BT] 0212z Fair QRN3 QSB3
0212z 11/12 [NR 04 D 09 03:12:08 1983 BT IWGXW ... YWZVA BT] 0218z Fair QRN3 QSB3
0218z 11/12 [NR 05 D 09 03:18:23 1983 BT ZHICF ... PDDRM BT] 0224z Fair QRN3 QSB3
0224z 11/12 [NR 06 D 09 03:24:43 1983 BT HTPXJ ... XTLUK BT] 0230z Fair QRN3 QSB3
0230z 11/12 [NR 07 D 09 03:30:58 1983 BT PBNAK ... QJBMZ BT] 0236z Fair QRN3 QSB3
0236z 11/12 [NR 08 D 09 03:36:03 1983 BT QEMWV ... QPJRM BT] 0243z Fair QRN3 QSB3
0243z 11/12 [NR 09 D 09 03:43:24 1983 BT LHETX ... WSUUQ BT] 0249z Fair QRN3 QSB3
0249z 11/12 [NR 10 D 09 03:49:49 1983 BT LAEDX ... XHYKT BT] 0256z Fair QRN3 QSB3
0256z 11/12 [NR 11 D 09 03:56:01 1983 BT RUVBW ... LQXAW BT] 0302z Fair QRN3 QSB3
0302z 11/12 [NR 12 D 09 04:02:16 1983 BT QCNKM ... NKURR BT] 0308z Fair QRN3 QSB3
0308z 11/12 [NR 13 D 09 04:08:29 1983 BT GCQTR ... QDLAQ BT] 0314z Fair QRN3 QSB3
0314z 11/12 [NR 14 D 09 04:14:43 1983 BT SWODH ... TYIAI BT] 0321z Fair QRN3 QSB3
0321z 11/12 [NR 15 D 09 04:21:02 1983 BT VWMFW ... PSEZP BT] 0327z Fair QRN3 QSB3
0327z 11/12 [NR 16 D 09 04:27:09 1983 BT FGUST ... IKIMU BT] 0333z Fair QRN3 QSB3
0333z 11/12 [NR 17 D 09 04:33:15 1983 BT XDRROH ... CYLVE BT] 0339z Fair QRN3 QSB3
0339z 11/12 [NR 18 D 09 04:39:04 1983 BT UPNAI ... USRRY BT] 0346z Fair QRN3 QSB3
0346z 11/12 [NR 19 D 09 04:46:44 1983 BT XVDGD ... QNPDX BT] 0351z Fair QRN3 QSB3
0351z 11/12 [NR 20 D 09 04:51:59 1983 BT YNZQQ ... SODEW BT] 0358z Fair QRN3 QSB3
0358z 11/12 [NR 21 D 09 04:58:14 1983 BT GLLTA ... KAIAS BT] 0404z Fair QRN3 QSB3
0404z 11/12 [NR 22 D 09 05:04:29 1983 BT JTJYMO ... MQESE BT] 0410z Fair QRN3 QSB3
0410z 11/12 [NR 23 D 09 05:10:41 1983 BT CTIJL ... NKCCQ BT] 0416z Fair QRN3 QSB3
0416z 11/12 [NR 24 D 09 05:16:59 1983 BT USSPO ... BUGXR BT] 0423z Fair QRN3 QSB3
0423z 11/12 [NR 25 D 09 05:23:08 1983 BT MPUZE ... LXUGI BT] 0429z Fair QRN3 QSB3
0429z 11/12 [NR 26 D 09 05:29:27 1983 BT QUNTW ... AMJN1 BT] 0435z Fair QRN3 QSB3
0435z 11/12 [NR 27 D 09 05:35:39 1983 BT JCYGD ... JSOOV BT] 0441z Fair QRN3 QSB3
0441z 11/12 [NR 28 D 09 05:41:57 1983 BT FUVJT ... OLNGX BT] 0448z Fair QRN3 QSB3
0448z 11/12 [NR 29 D 09 05:48:11 1983 BT YNMRZ ... UFODP BT] 0454z Fair QRN3 QSB3
0454z 11/12 [NR 30 D 09 05:54:24 1983 BT LCOQR ... HSCAG BT] 0500z Fair QRN3 QSB3
0500z 11/12 [NR 31 D 09 06:00:51 1983 BT WRMWA ... IYZAI BT] 0506z Fair QRN3 QSB3
0506z 11/12 [NR 32 D 09 06:06:48 1983 BT OLUZQ ... VKKUD BT] 0512z Fair QRN3 QSB3
0512z 11/12 [NR 33 D 09 06:12:58 1983 BT BQJZP ... MZEVJ BT] 0519z Fair QRN3 QSB3
0519z 11/12 [NR 34 D 09 06:19:12 1983 BT WXENU ... RLHPPY BT] 0525z Fair QRN3 QSB3
0525z 11/12 [NR 35 D 09 06:25:28 1983 BT DOSIR ... PFATU BT] 0531z Fair QRN3 QSB3

0531z	11/12 [NR 36 D 09 06:31:49 1983 BT RBIRE ... ZQZTV BT] 0538z Fair QRN3 QSB3	Spectre	SUN
0538z	11/12 [NR 37 D 09 06:38:01 1983 BT DLEUB ... ZBAIW BT] 0544z Fair QRN3 QSB3	Spectre	SUN
0544z	11/12 [NR 38 D 09 06:44:00 1983 BT YQYHI ... BKWHC BT] 0550z Fair QRN3 QSB3	Spectre	SUN
0550z	11/12 [NR 39 D 09 06:50:37 1983 BT PULVW ... CSBNO BT] 0556z Fair QRN3 QSB3	Spectre	SUN
0556z	11/12 [NR 40 D 09 06:56:46 1983 BT ZVPQI ... WRRCY BT] 0602z Fair QRN3 QSB3	Spectre	SUN
0602z	11/12 [NR 41 D 09 07:02:07 1983 BT LBAIE ... ZLZWH BT] 0609z Fair QRN3 QSB3	Spectre	SUN
0609z	11/12 [NR 42 D 09 07:09:27 1983 BT SYDMG ... BVQCC BT] 0615z Fair QRN3 QSB3	Spectre	SUN
0615z	11/12 [NR 43 D 09 07:15:44 1983 BT AWIIM ... OYEXO BT] 0622z Fair QRN3 QSB3	Spectre	SUN
0622z	11/12 [NR 44 D 09 07:22:06 1983 BT CQSYF ... PDETC BT] 0628z Fair QRN3 QSB3	Spectre	SUN
0628z	11/12 [NR 45 D 09 07:28:19 1983 BT QLOGX ... JTOIY BT] 0634z Fair QRN3 QSB3	Spectre	SUN
0634z	11/12 [NR 46 D 09 07:34:34 1983 BT KVYWJ ... NKVAP BT] 0640z Fair QRN3 QSB3	Spectre	SUN
0640z	11/12 [NR 47 D 09 07:40:46 1983 BT RCUGS ... GCRVC BT] 0647z Fair QRN3 QSB3	Spectre	SUN
0647z	11/12 [NR 48 D 09 07:47:00 1983 BT BVAMU ... FGJAE BT] 0653z Fair QRN3 QSB3	Spectre	SUN
0653z	11/12 [NR 49 D 09 07:53:15 1983 BT HMILT ... (M51 QRT)] 0653z Fair QRN3 QSB3	Spectre	SUN
2035z	25/12 [NR 81 D 26 21:35:34 1983 BT BBPEN ... IJNPC BT] 2041z Fair QRN3 QSB3	Spectre	SUN
2041z	25/12 [NR 82 D 26 21:41:48 1983 BT INQEG ... SRTFR BT] 2047z Fair QRN3 QSB3	Spectre	SUN
2048z	25/12 [NR 83 D 26 21:48:03 1983 BT VRIBE ... GJTQC BT] 2054z Fair QRN3 QSB3	Spectre	SUN
2054z	25/12 [NR 84 D 26 21:54:12 1983 BT XEKDE ... AXTRE BT] 2100z Fair QRN3 QSB3	Spectre	SUN
2100z	25/12 [NR 85 D 26 22:00:24 1983 BT KKURV ... QEHSB BT] 2106z Fair QRN3 QSB3	Spectre	SUN
2106z	25/12 [NR 86 D 26 22:06:30 1983 BT MRRMP ... BZWJF BT] 2112z Fair QRN3 QSB3	Spectre	SUN
2112z	25/12 [NR 87 D 26 22:12:42 1983 BT XGKMC ... PFKSV BT] 2118z Fair QRN3 QSB3	Spectre	SUN
2118z	25/12 [NR 88 D 26 22:18:58 1983 BT JRIUU ... IWSLX BT] 2125z Fair QRN3 QSB3	Spectre	SUN
2125z	25/12 [NR 89 D 26 22:25:14 1983 BT TFYIT ... TGQLB BT] 2131z Fair QRN3 QSB3	Spectre	SUN
2131z	25/12 [NR 90 D 26 22:31:33 1983 BT UKSQQ ... TETNL BT] 2137z Fair QRN3 QSB3	Spectre	SUN
2150z	25/12 [NR 03 D 26 22:50:02 1983 BT NDSDL ... RXXSQ BT] 2156z Fair QRN3 QSB3	Spectre	SUN
2156z	25/12 [NR 04 D 26 22:56:32 1983 BT FTDKD ... SPSXP BT] 2202z Fair QRN3 QSB3	Spectre	SUN
2202z	25/12 [NR 05 D 26 23:02:45 1983 BT GJNWK ... DGSEM BT] 2208z Fair QRN3 QSB3	Spectre	SUN
2208z	25/12 [NR 06 D 26 23:08:57 1983 BT BTZRA ... EPCPC BT] 2215z Fair QRN3 QSB3	Spectre	SUN
2215z	25/12 [NR 07 D 26 23:15:08 1983 BT CNGYY ... AMYWJ BT] 2221z Fair QRN3 QSB3	Spectre	SUN
2221z	25/12 [NR 08 D 26 23:21:13 1983 BT UBHPY ... ZAGTC BT] 2227z Fair QRN3 QSB3	Spectre	SUN
2227z	25/12 [NR 09 D 26 23:27:42 1983 BT YBTXD ... GGNIA BT] 2233z Fair QRN3 QSB3	Spectre	SUN
2233z	25/12 [NR 10 D 26 23:33:58 1983 BT EBKQR ... XSFXH BT] 2240z Fair QRN3 QSB3	Spectre	SUN
2240z	25/12 [NR 11 D 26 23:40:14 1983 BT XVJMN ... AOTGT BT] 2246z Fair QRN3 QSB3	Spectre	SUN
2246z	25/12 [NR 12 D 26 23:46:36 1983 BT AEODJ ... RJIND BT] 2252z Fair QRN3 QSB3	Spectre	SUN
2252z	25/12 [NR 13 D 26 23:52:43 1983 BT ODWGV ... FLKNW BT] 2258z Fair QRN3 QSB3	Spectre	SUN
2258z	25/12 [NR 14 D 26 23:58:46 1983 BT QHQLZ ... PTIRR BT] 2305z Fair QRN3 QSB3	Spectre	SUN
2305z	25/12 [NR 15 D 27 00:05:03 1983 BT VENHO ... TGNEY BT] 2311z Fair QRN3 QSB3	Spectre	SUN
2311z	25/12 [NR 16 D 27 00:11:19 1983 BT HBXRO ... XFUMH BT] 2317z Fair QRN3 QSB3	Spectre	SUN
2317z	25/12 [NR 17 D 27 00:17:35 1983 BT MNVXV ... TMGIH BT] 2323z Fair QRN3 QSB3	Spectre	SUN
2323z	25/12 [NR 18 D 27 00:23:44 1983 BT BWLWV ... MPZWN BT] 2329z Fair QRN3 QSB3	Spectre	SUN
2329z	25/12 [NR 19 D 27 00:29:53 1983 BT ENMTT ... NPIWT BT] 2336z Fair QRN3 QSB3	Spectre	SUN
2336z	25/12 [NR 20 D 27 00:36:12 1983 BT FXFQS ... YWRDT BT] 2342z Fair QRN3 QSB3	Spectre	SUN
2342z	25/12 [NR 21 D 27 00:42:29 1983 BT GHISJ ... AIETE BT] 2348z Fair QRN3 QSB3	Spectre	SUN
2348z	25/12 [NR 22 D 27 00:48:44 1983 BT XTAZI ... EPZVU BT] 2354z Fair QRN3 QSB3	Spectre	SUN
2354z	25/12 [NR 23 D 27 00:54:56 1983 BT DGUFV ... INCMO BT] 0000z Fair QRN3 QSB3	Spectre	SUN
0000z	26/12 [NR 24 D 27 01:00:51 1983 BT ZVOAE ... JHNQB BT] 0007z Fair QRN3 QSB3	Spectre	MON
0007z	26/12 [NR 25 D 27 01:07:07 1983 BT GKBJS ... OWRXV BT] 0013z Fair QRN3 QSB3	Spectre	MON
0013z	26/12 [NR 26 D 27 01:13:24 1983 BT XQZWP ... TDHLV BT] 0019z Fair QRN3 QSB3	Spectre	MON
0019z	26/12 [NR 27 D 27 01:19:34 1983 BT NFXGO ... BOFVC BT] 0025z Fair QRN3 QSB3	Spectre	MON
0025z	26/12 [NR 28 D 27 01:25:49 1983 BT VUSIJ ... PNKED BT] 0031z Fair QRN3 QSB3	Spectre	MON
0032z	26/12 [NR 29 D 27 01:32:01 1983 BT WUTHU ... NZREA BT] 0038z Fair QRN3 QSB3	Spectre	MON
0038z	26/12 [NR 30 D 27 01:38:20 1983 BT AAYGA ... YIGEI BT] 0044z Fair QRN3 QSB3	Spectre	MON
0044z	26/12 [NR 31 D 27 01:44:34 1983 BT TLSZN ... MSDBG BT] 0050z Fair QRN3 QSB3	Spectre	MON
0050z	26/12 [NR 32 D 27 01:50:47 1983 BT HOOKP ... ZEVVA BT] 0056z Fair QRN3 QSB3	Spectre	MON
0056z	26/12 [NR 33 D 27 01:56:59 1983 BT XXJLH ... DUTWE BT] 0102z Fair QRN3 QSB3	Spectre	MON
0102z	26/12 [NR 34 D 27 02:02:59 1983 BT HYGAX ... ESJFC BT] 0109z Fair QRN3 QSB3	Spectre	MON
0109z	26/12 [NR 35 D 27 02:09:02 1983 BT JEWLE ... XATID BT] 0114z Fair QRN3 QSB3	Spectre	MON
0114z	26/12 [NR 36 D 27 02:15:25 1983 BT PKFFS ... RPLKW BT] 0121z Fair QRN3 QSB3	Spectre	MON
0121z	26/12 [NR 37 D 27 02:21:35 1983 BT DYUFJ ... SJHSY BT] 0127z Fair QRN3 QSB3	Spectre	MON
0127z	26/12 [NR 38 D 27 02:27:49 1983 BT BSZJB ... ENFYN BT] 0134z Fair QRN3 QSB3	Spectre	MON
0134z	26/12 [NR 39 D 27 02:34:06 1983 BT NRWWZ ... AQNSNM BT] 0140z Fair QRN3 QSB3	Spectre	MON
0140z	26/12 [NR 40 D 27 02:40:27 1983 BT DFRZS ... JMBNK BT] 0146z Fair QRN3 QSB3	Spectre	MON
0146z	26/12 [NR 41 D 27 02:46:40 1983 BT HLXHT ... MRQQU BT] 0152z Fair QRN3 QSB3	Spectre	MON
0152z	26/12 [NR 42 D 27 02:52:56 1983 BT OACKX ... FCIET BT] 0158z Fair QRN3 QSB3	Spectre	MON
0158z	26/12 [NR 43 D 27 02:58:02 1983 BT HIWQA ... WCAVJ BT] 0204z Fair QRN3 QSB3	Spectre	MON
4477kHz2253z	07/12 [NR 15 D 07 23:53:00 1983 BT ZOINR ... SYBEI BT] 2259z Fair QRN3 QSB3	Spectre	WED
2259z	07/12 [NR 16 D 07 23:59:21 1983 BT AHHGG ... ZEJEB BT] 2305z Fair QRN3 QSB3	Spectre	WED
2305z	07/12 [NR 17 D 08 00:05:35 1983 BT LSPZC ... NCLEC BT] 2311z Fair QRN3 QSB3	Spectre	WED
2311z	07/12 [NR 18 D 08 00:11:26 1983 BT CVEAI ... FYDHN BT] 2318z Fair QRN3 QSB3	Spectre	WED
2318z	07/12 [NR 19 D 08 00:18:12 1983 BT CMCPF ... RQXJA BT] 2324z Fair QRN3 QSB3	Spectre	WED
2324z	07/12 [NR 20 D 08 00:24:31 1983 BT QLURU ... XFGNF BT] 2330z Fair QRN3 QSB3	Spectre	WED
2330z	07/12 [NR 21 D 08 00:30:45 1983 BT PRJT W ... SDSGS BT] 2337z Fair QRN3 QSB3	Spectre	WED
2337z	07/12 [NR 22 D 08 00:37:20 1983 BT CHNXK ... RFRZZ BT] 2343z Fair QRN3 QSB3	Spectre	WED
2343z	07/12 [NR 23 D 08 00:43:12 1983 BT JSQCF ... AXDEW BT] 2349z Fair QRN3 QSB3	Spectre	WED

M97

01 Dec 11 1452 -1530 10375 CW M97 (Traffic sent - See below) (Thurs)
(GlobalTuners Hong Kong) (JPL)

AAAAAAAAAAAAAAA (Did not count) (1452z)

SD 65 KKK SD 65 KKK SD 65 KKK

BT BT BT

SN 80 SN 80 SN 80

47118 52489 43100 94916 77996 40849 44635 59664 91856 62647
48955 77958 62681 98142 63146 41036 15091 64668 35293 48222
69605 75478 59905 94347 08402 29903 20106 63539 90858 95800
14788 50800 49646 49558 31093 42477 93028 26995 30499 23129
56233 91117 06603 65105 62822 67351 43230 07004 14713 23019
85105 12346 39350 84708 30754 75722 40201 65393 35854 54337
79271 90826 63437 89154 25480 95590 78518 81920 56272 84005
16039 64430 19599 01237 75525 27765 91206 05562 79055 05059

KKKKKK

AAAAAA

SD 66 KKK SD 66 KKK SD 66

KKK

BT BT BT (1504z)

SN 15 SN 15 SN 15

52705 52285 21261 68820 34500 28265 59574 71522 94541 10521
63335 13641 35400 72899 87185

KKKKKKKKKKKKKKKKKKKKKKKKKK (Did not count) (1506z)

(Silent for 1 minute)

(Repeats entire sked at 1507z – Finished at 1517z – Silent for 1 minute)

(Repeats entire sked again at 1518z – Finished at 1530z)

(Uses long zeros – Short pause after every 5 groups)

(Super strong signal on GlobalTuners Hong Kong)

JPL

10375kHz1501z 05/12[In Progress - Traffic sent - Repeat of SD 65 and SD 66] (GlobalTuners Hong Kong)

JPL

MON

Interesting UNID CW

It has been a while since I have reported anything, have been rather busy. But I did put together something this past weekend on a CW station I have been watching. This will be rather a lengthy post, sorry in advance for the size.

In late August Ary Boender emailed me about a CW station on 10375 kHz at about 1500 UTC daily that had been reported to him by a listener out of Russia. The station was first reported on July 1, 2011. Interestingly enough the last V30 transmission (for quite a while) was on June 30, 2011, the day before the first reported reception of the unknown CW station. Naturally I have no idea if this was coincidence or not, and the Morse station could have been around for a while but unnoticed before that time. Ary has assigned it the N&O ID of MV30.

I carry it in my log as UnkCW/MV30. It is sending 5f format and its actions are similar to Vietnamese V30.

From August 26, 2011, on I started to record this station. Things have been hectic and busy, so I really did not have time to look at the recordings until just this last week. That means I reviewed over 3 months of activity in a few days. The trends showed up nicely, but it took a bit of time ;)

The habits of this station are indeed very similar to V30. Like V30 it transmits 3 identical messages a day, one right after the other with a short pause between each. Like V30 it sends the same message for weeks on end. Like V30 it occasionally skips days, in no particular cycle that I can determine. Several other factors tie it in to V30 even more closely than the format/habits.

The message is sent three times total with pauses between each set. Generally any errors in the first transmission are also in the subsequent, they are probably all from the same recording/script. There is a noticeable pause each 5 groups, with longer pauses each 10 groups, the first long pause is after the first 5 groups. Most messages begin with 29 "A"s being sent and end with 29"K"s.

- The format for each transmission is pretty stable with a few minor variations, this is the SD 61 message sent from August 26, 27, and 28 of 2011, I have no recording for the 29, so I do not know if it was sent that day (my comments in parenthesis):

Sound example here :

http://www.token.hpathome.net/SharedFiles/AudTfer/MV30_10375_SD61_Aug28_2011_145\9_56_start.mp3

AAAAAAAAAAAAAAAAAAAAAAAAAAAA
SD 61 SD 61 SD 61 (sequential message ID, new message gets next number)
TK TK TK (some messages use HT instead of TK)
SN 68 SN 68 SN 68 (number of groups in the message)
01349 88612 83023 54593 56388
70628 01540 01009 86550 63662
04306 66852 73054 92304 97918
32101 70134 240GG0 06841 19598
23918 24299 67792 22449 32321
73442 96924 58311 32789 15911
75587 37122 11650 17642 08853
03536 28475 87871 59818 61337
07878 48607 37792 06672 04710
12932 26694 59010 43100 13383
30845 03991 67261 72332 07610
75718 99979 00737 87251 53819
49441 67009 33507 46517 77738
47478 77978 34501
KKKKKKKKKKKKKKKKKKKKKKKKKKKKKK

- SD 62 was sent from August 30 to September 20, 2011.

Sound example here :

http://www.token.hpathome.net/SharedFiles/AudTfer/MV30_10375_SD62_Sep17_2011_145\9_48_start.mp3

AAAAAAAAAAAAAAAAAAAAAAAAAAAA
SD 62 SD 62 SD 62
TK TK TK
SN 37 SN 37 SN 37
63105 36602 84357 97526 25845
65787 48454 59083 49249 29744
40416 25323 55781 87075 25418
07129 80922 21561 97521 42194
20518 16561 33298 38215 37968
84497 64675 74522 03668 51540
10998 85261 23007 89026 54534
26627 45386
KKKKKKKKKKKKKKKKKKKKKKKKKKKK

- SD 63 was sent from September 23 to October 24, 2011.

Sound example here :

http://www.token.hpathome.net/SharedFiles/AudTfer/MV30_10375_SD63_Oct17_2011_145\9_24_start.mp3

The "A" string started with two close spaced "dahs", this was probably an error and should have been an A because only 28 "A" were sent instead of the normal 29.

Note the use of "HT" instead of the "TK" previously used.

AAAAAAAAAAAAAAAAAAAAAAAAAAAA
SD 63 SD 63 SD 63
HT HT HT
SN 40 SN 40 SN 40
02408 38628 11905 44216 30065
42023 44982 79013 28310 90621
55205 93780 95077 91156 17955
74897 43552 47680 38796 11317
63836 63552 63849 84496 56253
73059 67562 16075 28845 50578
60917 39506 11037 50564 66467
00714 27862 83529 12903 44430
KKKKKKKKKKKKKKKKKKKKKKKKKKKK

- SD 64 was sent from October 28 to November 23, 2011

Sound example here :

http://www.token.hpathome.net/SharedFiles/AudTfer/MV30_10375_SD64_Nov21_2011_145\5_20_start.mp3

Note the inclusion of "KVD" in the message ID string.
Note the return to "TK"

AAAAAAAAAAAAAAAAAAAA
SD 64 KVD SD 64 KVD SD 64 KVD
TK TK TK
SN 95 SN 95 SN 95
58149 35329 08081 40308 87100
32061 43616 33538 74789 15161
16362 67723 36698 85412 35119
07900 36922 39898 09136 93108
97239 33001 26291 37953 75372
00885 16931 65937 43954 49516

- Starting November 24, 2011, and continuing to date (November 30, 2011) the station changed its format slightly. A single transmission contained two message IDs (SD 65 and SD 66) and two messages run together in one transmission. This was repeated three times as any normal single message would be. The message and format is shown below:

This was repeated three times as any normal single message would be. The message and format is shown below:

Sound example here :

http://www.token.hpathome.net/SharedFiles/AudTfer/MV30_10375_SD65_and_SD66_Nov24_2011_1455_15_start.mp3

Note the inclusion of "KKK" in the message ID string for both message segments.
Note the return to HT from TK for both message segments.

AAAAAAAAAAAAAAAAAAAAAAAAAAAAA (only 28 As following the T)
SD 65 KKK SD 65 KKK SD 65 KKK
HT HT HT
SN 80 SN 80 SN 80
47118 52489 43100 93916 77996
40849 44635 59664 91856 62647
48955 77958 62681 98142 63146
41036 15091 64668 35293 48222
69605 75478 59905 94347 08402
29903 20106 63539 90858 95800
14788 50800 49646 49558 31093
42477 94028 26995 30499 23129
56233 91117 06603 65105 62822
67351 43230 07004 14713 23019
85105 12346 39350 84708 30754
75722 40201 65393 35854 54337
79271 90826 63437 89154 25480
95590 78518 81920 56272 84005
16039 64430 19599 01237 75525
27765 91206 05562 79055 05059
KKKKKK (only 7 "K"s)
AAAAAAA (only 7 "A"s)
SD 66 KKK SD 66 KKK SD 66 KKK
HT HT HT
SN 15 SN 15 SN 15
52705 52285 21261 68820 34500
28265 59574 71522 94541 10521
63335 13641 35400 72899 87185
KKKKKKKKKKKKKKKKKKKKKKKKKK (only 24 Ks)

- The station has transmitted one message that did not fit the above formats.

For one day, on September 22, 2011, after the last transmission of SD 62 on September 20 and one day before the first transmission of SD 63 on September 23, the station sent a message that was not in 5 figure groups, but rather seems to be clear text. A translation of the text looks like an advertisement for deodorant. Was this filler gone bad? Was it an accidental transmission?

I have no good explanation for it, but similar messages have been noted on other frequencies at other times, I suppose I will have to add those frequencies to the watch list and see if there is ever coded traffic on them.

September 22, 2011, message, my comments are in parenthesis and these were not part of the message:

Sound example here :

Sound example here : http://www.token.hptahome.net/SharedFiles/AudTfer/MV30_10375_no_num_Sep22_2011_start1459_41.mp3

AAAAAAAAAAAAAAAAAAAAAAAAAAAAA (30 "A"s)
TREN THI TRUONG HIEN SSY CO
MOT SO SAN PHAM CO TAC DUNG
LAM GIAM TIET (longer pause)
MO HOI NHIEU. NOI 5AT TRONG
SO DO CO SAN PHAM VOI
NGUON GOC CHIET (longer pause)
SUAT TU THIEN NHIEN NHU
CAC CO, CAC LOAI LI VI
?(dah di di dah dit)AC CHIT
HOAN TOAN AN TOAN VA
KHONG ANH HUONG CUNG NHU
CO TAC DUNG PHU VOI CO
THE (longer pause)
CON NGUOI, SAN PHAM DUOC
PAO CHE DUOL DANG VIEN

- Indicators that this signal is (or at least might be) somehow related to V30:

1. Actions are the same, one message, repeated three times each day, short pause between each one.
2. Start time is "about" 1500, much like V30 starts "about" 1600. Start time actually moves forward slightly each day, again as V30 does.
3. The same message can be sent for weeks on end.
4. The station periodically skips one or more days, with no readily discernable cycle/pattern.
5. SD probably stands for So Dien, the same term used in V30 for message ID.
6. SN probably stands for So Nhom, the same term used in V30 for group count.
7. The station was first noticed the day after the last V30 transmission for an extended period of time. V30 was off the air (as far as I know) from July 1 to November 4, 2011.
8. Since November 4 any day this station is not on the air neither is V30. MV30 has been on the air 3 days when V30 was not.
9. On November 9 both stations had identical but very minor audio issues, a very little bit of crackling in the audio that was not related to atmospherics.
10. Since November 5 (first noted V30 and MV30 on the same day) the start times for the first transmission of the day for the two stations have been essentially identical, often to the second, except V30 starts one hour later (the largest variation I have seen is 3 seconds). My guess is they are being started from the same clock.

I will mention there is no correlation between message lengths or change dates with V30 and MV30 that I can tell. So, while they are almost definitely related in some way they do carry different messages and traffic.

Dates in November, with start times of first message of the day in UTC, all times +/- 1 sec as I round to the closest second in my log.

Chart of Times for both V30 and UnkCW/MV30 for month of November:
http://www.token.hpathome.net/SharedFiles/ImageTfer/Start_times_Nov2011_V30_and_MV30.jpg

I would suggest that ENIGMA 2000 consider assigning this station the next sequential M number. Now M97.

T!

Chart of first message start times daily, comparing V30 and MV30 for month of November, 2011.

Date (in November)	V30 Start time	UnkCW/MV30 Start time
05	1555:41	1455:41
06	1555:39	1455:40
07	No TX	No TX
08	1555:36	1455:37
09	1555:36	1455:36
10	No TX	1455:34
11	No TX	No TX
12	No TX	No TX
13	No TX	No TX
14	1555:29	1455:28
15	1555:27	1455:26
16	1555:28	1455:25
17	1555:24	1455:24
18	1555:23	1455:23
19	No TX	No TX
20	No TX	No TX
21	1555:20	1455:20
22	No TX	1455:20
23	1555:18	1455:18
24	1555:18	1455:16
25	1555:13	1455:14
26	1555:14	1455:14
27	1555:14	1455:13
28	1555:13	1455:12
29	1555:09	1455:10
30	1555:08	1455:09

Logs as group message 35627 or as posted in N&O 170

Ary [N&O] replied to this brilliant posting stating:

VERY impressive, T! Thanks for the report. With regards to the message below, I think that these are test messages. They pop up regularly and also have been noted on other freqs. I mentioned them in N&O a while back.

They always seem to cover food or articles, more like advertisements.

Although the translation is poor it says something like. That was also the contents of the other messages. .

On the market ...

A NUMBER OF PRODUCTS

Effect REDUCE periods ...

too much. THE

Origin EXTRACT

Capacity of natural types VI LI

.... is perfectly safe

NO impact and ..

.... the product is Prepared in DANC VIEN

Safer andetc

This is the translation of two older messages:

"Prominent among the available products with extracts derived natural capacity of plants, mammals and the chat is completely safe and khong impact and side effects have the elephant the people, products Formulated tablet form safe and easy to use functional foods task of keeping water in the cell, reducing overactive sympathetic nervous crab, by borrowing reduces the secretion sweating in the palms, feet and have the whole body."

“Not so long ago! gmail chen hinh da add functionality expression on the email compose window! help you to send email with many different feelings, now! Gmail adding hybrid Smilies de you the option, not long ago!
gmail chen hinh da add functionality expression on the email compose window! help you to send email with many different feelings, now! gmail”

Thanks Ary

GERMAN BRANCH REPORT

At the end of 2011 – the report from ENIGMA2000's German Branch (E2Kde) and X06 team

Hallo liebe Freunde und Kollegen der deutschen Branche und des X06 Teams (Hello dear friends and colleagues of the German Branch and X06 team)

The old year is at its end, and we have again some interesting things from E2Kde and X06:

S28 article in German newspaper

The S28 article from WIRED, which appeared in September, was translated into German for a December edition of the popular German newspaper "Sueddeutsche Zeitung". It's online available:
<http://szmstat.sueddeutsche.de/texte/anzeigen/36763/1/1> [till /36763/3/1 - so there are 3 pages]. In it, "Jochen Schäfer, president of the German section of an online

¹² No documents in the files of the Board of Education indicate that the 1920

A German “numbers activist” in Boeblingen/Southwestern Germany created a (pseudo) numbers station in the forest of his home town. You can find it via <http://www.geocaching.com/> with a German “instruction manual”. If you press “Play” via the menu, you’ll hear a mix of E03 and G08 (“Lincolnshire Poacher” callsign and then German numbers). Other menu options: “Hide and seek”, “Cache”, “by Cache-Name”. The name is simply called “Zahlensender” (the German word for numbers stations), the number is: GC39Z62. In the region of Boeblingen, you can also listen to the station via radio – like a real numbers station – on 102.6 mHz FM. - Who breaks the code and finds the “key”? – For our German friends, this information will also be posted by me in the numbers forum of the “Geheime Welten” (a.k.a. SIS Germany), the German communication platform of E2Kde, but nowhere else in the numbers scene.

X06 team

It got a new member from Israel: Douglas, a.k.a. 4z5. With him, we have an interesting member from the Middle East, a territory, where we didn’t have people from so far. So our “intercontinental work” is increasing! Our next project will be to try to DF signals, where they are coming from. We could already make some interesting discoveries. Eddy from Australia found out, that one signal he caught was coming from near Vladivostok. To find out more about the origin of the signals we want to DF signals, hopefully we can report more in the next edition.

X06 Maziela (1C) logs section

Date	Day	UTC	Freq	Scale	Monitor	Comments
20111101	Tue	0954-1005	11462	165423	Peter/UK	Good, M273
20111102	Wed	0835-0841	14377	432516	Alexinroma	Good in AM with some QRM, M274
20111102	Wed	1012-1015	18346	214356	Alex	Strong, M275
20111109	Wed	0917-0921	16116	134265	Alex	Strong, M276
20111109	Wed	1919	6917		[Spooks]	New freq, R
20111109	Wed	1937	6782		[Spooks]	New freq, R
20111110	Thu	0845-0846	9388	561243	WebWeasel	Monitored in progress, M277
20111110	Thu	0932	18575	352416	RNGB	Alert type 7 (all parts R) (1)
20111110	Thu	0935-0937	14950	352416	RNGB	7(2)
20111110	Thu	0939-0948	14950	352416	RNGB	7(3) Restart
20111110	Thu	0943-0946	13506	164532	RNGB	M277a
20111110	Thu	1010-1014	16132	352416	WebWeasel	R
20111110	Thu	1524-1532	14871	156234	Peter	Fair, M278
20111110	Thu	1621-1624	9106	564213	Peter	Good, M279
20111111	Fri	0834-0836	14863	615243	Peter	M280
20111111	Fri	0848-0901	10653	356412	Peter	Good and clear, M281
20111111	Fri	1011-1017	17463	256134	Peter	Fair, M282
20111114	Mon	0905	11424	421635	Alex	S9, M283
20111114	Mon	0938-0944	13517	463125	Alex	Monitored in progress, fair, M284
20111114	Mon	0940-0947	14950	352416	Fritz/CH	R
20111114	Mon	1245	15656	364152	Peter	Short (only 1 sequence), M285
20111115	Tue	0946-0952	16276	314265	Ian Wraith	R
20111121	Mon	1500-1507	12055	256134	WebWeasel,	Danix/PL
20111121	Mon	1621-1632	12055	256134	Spectre/UK	R
20111122	Tue	1512	17463	256134	Fritz	Fair, BC QRM3, QSB2, R
20111123	Wed	0851-0900	11483	412356	Alex	R
20111125	Fri	1123-1144	13506	164532	Peter	S9+, carrier till 0902, M286
20111125	Fri	1502-1510	14871	156234	Peter	Strong and clear, M287
20111130	Wed	0718	14970	216354	Bruno/IT	Good, M288
20111130	Wed	1131-1135	14944	621543	Alex, Peter	I. p., heavy PLT QRM, R
20111201	Thu	0930-0936	17468	436512	RNGB	New freq, CROWD36 just before TX, R
20111202	Fri	0924-0926	16219	324615	Eddy/AU	R
20111202	Fri	0929	14547	645321	Peter	M290
20111202	Fri	1002	12215	361245	Peter	Alert 3(1) New freq, R
20111202	Fri	1325-1327	14644	215346	Eddy	3(2) M291
20111202	Fri	1327	14650	215346	Peter	3(3) M292
20111202	Fri	1338-1339	12207	215346	Peter	R
20111206	Tue	0730-0738	16317	612534	LU5EMM	M293
20111206	Tue	0848-0851	12157	165423	Peter	M294
20111206	Tue	1436-1448	14650	215346	Peter	
20111207	Wed	0852-0857	14377	432516	Peter,	Spectre
20111207	Wed	1312	14970	216354	Peter	M295
20111207	Wed	1323	12207	215346	Peter	R
20111209	Fri	0901-0905	14863	615243	Eddy	R
20111212	Mon	0932-0933	11537	421635	RNGB	New style, S4, M296
20111212	Mon	1045	16117	463125	Bruno	I. p., M297
20111215	Thu	0907-0911	14970	216354	RNGB	M298
20111215	Thu	0908-0912	14650	215346	RNGB	I. p., R
20111216	Fri	0958-1002	12215	361245	Peter	I. p., R
20111216	Fri	1020-1027	12194	625413	Peter	M299
20111216	Fri	1417-1426	12207	215346	Peter	M300
20111219	Mon	1644	6884	612534	FrankE2Kde	R
20111220	Tue	0852-0859	9450	165423	Alex	Good, M301
20111220	Tue	0917-0920	17421	246531	Peter	M302
20111221	Wed	0935-0937	14631	362154	RNGB	I. p., R
20111223	Fri	0906-0910	10653	356412	Peter	M303
20111223	Fri	1000-1008	17463	256134	Peter	M304
20111224	Sat	1041-1042	16115	215346	Eddy	Fair, R
20111224	Sat	1106-1109	13961	216354	Eddy	R
20111224	Sat	1423	14970	216354	Linkz/FR	R
20111227	Tue	0905-0907	13420	534216	Alex	Weak, M305
20111227	Tue	0930-0939	12157	165423	Peter	Good, R
20111227	Tue	1004-1008	16320	612534	Peter,	Good in UK, R
20111228	Wed	0859	13419	465132	Peter	M306

20111229 Thu 0915-0919 161115 215346 RNGB **Alert 2, both i. p. & R (1)**
 20111229 Thu 0920-0927 14970 216354 RNGB **I. p., R**
 20111229 Thu 0921-0925 14650 215346 RNGB **2(2)**

Again as usual very nice and interesting stuff! Many thanks for all the contributors of the section in 2011, and I wish all of you a happy new year and further good cooperation in 2012, which will bring some more interesting events and logs.

Till the next report I say "Auf Wiedersehen" and "Good-bye"

Jochen Schäfer, KopfE2Kde and X06 Teamkopf

VOICE STATIONS

E06 [1A]

E06 November log [RNGB]:

Thursday	3rd	07.00	18212	'507' 274 95 62772 91963 71929 95453 13904.....83735
		20.30	4836	'321' 268 15 65437 56843 65897 65489 45621.....53867
Friday	4th	06.00	16200	'507' 274 95 62772 91963 71929 95453 13904.....83735
		07.00	18200	'507' 274 95 62772 91963 71929 95453 13904.....83735
		21.30	4760	'472' 353 15 54678 45367 56320 68453 96754.....67453
Saturday	5th	01.30	5837	'759' 102 34 65378 67751 83534 55464 49811.....87709
Weds	9th	19.20	4036	'829' 00000
		20.20	3842	'829' 00000
Thursday	10th	07.00	18200	'507' 623 141 57621 89808 46663 03303 45915.....31985
Saturday	12th	01.30	5837	'759' 428 31 69705 42560 86490 57553 60694.....09243
Thursday	17th	07.00	18210	'507' 623 141 57621 89808 46663 03303 45915.....31985
Saturday	19th	01.30	5837	'759' 218 33 31805 18090 43961 923345 88407.....18301
Weds	23rd	08.46	9946	'343' 201 37 (in progress) groups not copied
		09.38	8095	'343' 201 37 (in progress) groups not copied
Friday	25th	07.00	18200	'507' 429 155 40510 16780 81667 92290 25681.....04247

Other's

November 2011:

4583kHz0230z	05/11[759 102 34 65378 ... 87709 102 34 00000(f)] Strong, TTYQRM2	(10m02s)	Spectre ,PLdn	SAT
0230z	06/11[759 102 34 65378 ... 87709 102 34 00000(f)] Strong, TTYQRM2	(10m02s)	Spectre ,PLdn	SUN
0230z	12/11[759 428 31 69705 ... 09243 428 31 00000(f)] Very strong, TTYQRM2	(9m37s)	Spectre ,PLdn	SAT
0230z	13/11[759 428 31 69705 ... 09243 428 31 00000(f)] Very strong, TTYQRM2	(9m37s)	Spectre ,PLdn	SUN
0230z	19/11[759 218 33 31805 ... 18301 218 33 00000(f)] Very strong, TTYQRM2	(9m55s)	Spectre ,PLdn	SAT
0230z	20/11[759 218 33 31805 ... 18301 218 33 00000(f)] Very strong, TTYsplatterQRM2	(9m55s)	Spectre ,PLdn	SUN
0230z	26/11[759 642 31 73659 ... 68536 642 31 00000(f)] Strong, QRM3	(9m31s)	Spectre ,PLdn	SAT
0230z	27/11[759 642 31 73659 ... 68536 642 31 00000(f)] Very strong	(9m31s)	Spectre ,PLdn	SUN

4760kHz 2053z	04/11[123456789] 2054z Fair QRN2 QSB2		Spectre, PLdn	FRI
2130z	04/11[472 353 15 54678 ... 67453 353 15 00000(s)] 2137z Fair QRN2 QSB2		Spectre	FRI
2129z	18/11[472 353 15 54678 ... 67453 353 15 00000(s)] 2136z Weak QRN4 QSB3		Spectre	FRI

4760kHz 2130z 04/11 Transcript:

472 353 15
 54678 45367 56320 68453 96754 87583 64890 54219 65743 43768
 45234 87906 56289 67895 67453
 353 15 00000

Courtesy Spectre

4836kHz2029z	03/11[321 268 15 65437 ... 53867 268 15 00000(s)] 2036z Weak XJTQRM4 QSB3		Spectre	THU
2030z	17/11[321 268 15 65437 ... 53867 268 15 00000(s)] 2037z Weak QRM3 QSB3		Spectre, Fanis	THU

4836kHz 2029z 03/11 Transcript:

321 268 15
 65437 56843 65897 65481 45621 46935 54879 34268 54946 24678
 45386 24967 45620 47206 53867
 268 15 00000

Courtesy Spectre

5837kHz0130z	05/11[759 102 34 65378 ... 87709 102 34 00000(f)] Strong	(10m02s)	PLdn, Spectre	SAT
0130z	06/11[759 102 34 65378 ... 87709 102 34 00000(f)] Strong	(10m02s)	PLdn, Spectre	SUN

E06 5837/4583kHz 05/6/11 Transcript:

759 102 34
 65378 67751 83534 55464 49811 29848 88383 58919 01172 53120
 37132 65620 19284 61209 27406 74428 43497 70567 66449 93497
 03389 18185 20917 76746 09424 24823 24825 09915 80128 98915
 46465 57806 10619 87709
 102 34 00000

Courtesy Spectre

5837kHz0130z 0130z	12/11[759 428 31 69705 ... 09243 428 31 00000(f)] 0139z Strong QRN2 QSB3 13/11[759 428 31 69705 ... 09243 428 31 00000(f)] 0139z Strong QRN2 QSB3	Spectre, PLdn Spectre, PLdn	SAT SUN
E06 5837/4583kHz 0130/0230z 12/13 Transcript:			
	759 428 31 69705 42560 86490 57553 60694 94254 70006 06907 99043 07481 61412 79661 88204 14121 68232 29033 47265 49633 42835 67235 64120 62644 49129 92690 00297 82836 20759 74770 83381 26829 09243 428 31 00000	<i>Courtesy Spectre</i>	
0130z	19/11[759 218 33 31805 ... 18301 218 33 00000(f)] 0140z Weak QRN3 QSB3	Spectre, PLdn	SAT
0130z	20/11[759 218 33 31805 ... 18301 218 33 00000(f)] 0140z Weak QRN3 QSB3	Spectre, PLdn	SUN
E06 5837/4583kHz 0130/0230z 19/20/11 Transcript:			
	759 218 33 31805 18090 43961 92345 88407 59471 93770 11282 09395 80215 97915 41064 38264 97686 17609 34706 49821 09628 35093 46065 01620 20081 26995 15389 55407 15405 88176 07290 60793 51333 10755 24612 18301 218 33 00000	<i>Courtesy Spectre</i>	
0130z	26/11[759 642 31 73659 ... 68536 642 31 00000(f)] 0139z Fair QRN3 QSB2	Spectre, PLdn	SAT
0130z	27/11[759 642 31 73659 ... 68536 642 31 00000(f)] 0139z Fair QRN3 QSB2	Spectre, PLdn	SUN
E06 5837/4583kHz 0130/0230z 26/27/11 Transcript:			
	759 642 31 73659 49624 47425 36108 51858 87058 44048 52702 33388 43248 46512 66658 81553 27076 36029 42989 91220 36875 99256 64962 03609 78120 35521 63952 24295 97238 44605 52125 55392 86214 68536 642 31 00000	<i>Courtesy Spectre</i>	
8167kHz1217z	26/11[.....129 35 00000]	Danix	SAT
10423kHz1114z	26/11[i/p, ended 129 35 00000(f)] 1118z Strong	Danix	SAT
18200kHz 0700z	25/11[507 429 155 40510 ... 04247 429 155 00000] 0730z Strong	FR, Spectre	FRI
E06 18200kHz 0700z 24/11 Transcript:			
	507 429 155 40510 16780 81667 92290 25681 18110 61870 35548 06183 98753 83294 99202 50120 95837 95247 81255 76605 73640 29344 02028 02812 13061 22242 03914 626*5 69147 58962 76278 58776 67172 06609 29282 31605 78005 41145 54605 06442 79062 81112 29528 78105 34881 91539 21180 51608 37678 44131 03960 19475 62320 79885 02253 39798 39922 64599 27987 54148 00969 72884 19208 20693 07798 63335 19978 23163 88702 30945 67221 88395 20212 66776 01994 70459 71700 42930 49256 83374 69847 56736 17280 77590 54716 48543 04381 74812 01396 81975 40952 95545 27878 96597 76088 55179 25637 03515 39713 96059 21634 4**03 66203 74964 72119 87234 32715 34535 31753 58737 99551 43838 72087 04618 82939 33237 95084 97575 73261 47344 15633 24454 41389 10300 30681 95772 83442 94882 73587 67420 70738 52011 66647 55226 62300 71679 42528 29501 20061 72409 37864 83400 58199 18925 47250 82257 01942 78478 87521 32793 68678 00619 33443 82896 06263 97665 10056 04247 429 155 00000	<i>Courtesy FR, Spectre</i>	
18210kHz 0700z 0700z	17/11[507 623 141 57621] 18/11[..... 87197 31985 623 623 141 141 00000]	FN MSA	THU FRI

December 2011:

E06 log December [RNGB]

Thursday	1st	07.00	15933	‘923’ 00000
Saturday	3rd	01.30	5796	‘759’ 401 32 97226 15794 93939 92005 47967.....38202
Thursday	8th	07.00	15940	‘923’ 570 133 25870 81451 37217 9548- 44400.....92937
Friday	9th	06.00	13910	‘923’ 570 133 25870 81451 37217 9548- 44400.....92937
Saturday	10th	01.30	5796	‘759’ 862 31 11159 58735 37498 16320 63408.....60267
Weds	14th	19.20	4036	‘829’ 000000
		20.20	3842	‘829’ 000000
Thursday	15th	07.00	15940	‘923’ 570 133 25870 81451 37217 9548- 44400.....92937
		20.30	4836	‘321’ 486 15 63527 38465 89056 74352 12389.....53421
Friday	16th	21.30	4760	‘472’ 553 15 67489 64376 43526 37890 04735.....78654
Sunday	18th	01.30	5796	‘759’ 126 34 83255 95204 57415 91827 61000.....39469
Saturday	24th	01.30	5796	‘759’ 308 42 33816 22068 62918 04804 25771.....98563
Thursday	29th	07.00	15940	‘923’ 00000
Saturday	31st	01.30	5796	‘759’ 180 32 97712 87565 08547 58239 10478.....90455

Others' December Logs

4036kHz1920z	14/12[829 829 829 00000]	FN	WED
4516kHz0230z 0230z 0230z	03/12[759 401 32 97226 ... 38202 401 32 00000(f)] Very strong, XWPQRM2 04/12[759 401 32 97226 ... 38202 401 32 00000(f)] Very strong, XWPQRM2 10/12[759 862 31 11159 ... 60267 862 31 00000(f)] 0240z Very Strong, XWPQRM2	(9m43s) (9m43s) (9m38s)	SAT SUN SAT

0230z	11/12[759 862 31 11159 ... 60267 862 31 00000(f)] 0240z Very Strong, XWPQRM2	(9m38s)	PLdn, Spectre	SUN
0230z	17/12[759 126 34 83255 ... 39469 126 34 00000(f)] 0240z Weak, XWPQRM3	(10m04s)	PLdn, Spectre	SAT
0230z	18/12[759 126 34 83255 ... 39469 126 34 00000(f)] 0240z Very strong	(10m04s)	PLdn, Spectre	SUN
0230z	25/12[759 308 42 33816 ... 98563 308 42 00000(f)] 0240z Very strong XWPQRM2	(11m30s)	PLdn, Spectre	SUN
4518kHz0230z	24/12[759 308 42 33816 ... 98563 308 42 00000(f)] 0140z Very strong +2kHz reduces XWPQRM	(11m30s)	PLdn	SAT
0230z	31/12[759 180 32 97712 ... 90455 108 32 00000(f)] 0240z Fair and noisy	(9m50s)	PLdn	SAT
4760kHz2130z	02/12[472 552 15 67489 ... 78654 552 15 00000(s)] 2136z Weak QRN4 QSB3		Spectre	FRI
2130z	16/12[472 552 15 67489 ... 78654 552 15 00000(s)] 2136z Weak QRN4 QSB3		Spectre	FRI
	472 553 15 67489 64376 43526 37890 04735 21432 35643 32145 56743 34237 67543 43589 98765 42345 78654 553 15 00000(s) <i>Courtesy Fanis/FR</i>			
4836kHz2030z	01/12[321 486 15 63527 ... 53421 486 15 00000(s)] Strong signal QRM, QSB		FR , Spectre	THU
	321 486 15 63527 38465 89056 74352 12389 05463 27894 36251 36490 64578 53257 43689 54327 54678 53421 486 15 00000 <i>Courtesy Fox</i>			
2030z	15/12 [321 486 15 63527 ... 56421 486 15 00000] Strong signal, moderate/strong noise, audio distorted		FR, Spectre	THU
5796kHz0130z	03/12[759 401 32 97226 ... 38202 401 32 00000(f)] Very strong	(9m43s)	PLdn, Spectre	SAT
0130z	04/12[759 401 32 97226 ... 38202 401 32 00000(f)] Very strong	(9m43s)	PLdn, Spectre	SUN
	759 401 32 97226 15794 93939 92005 47967 25570 75816 29572 92615 12497 26829 56255 32867 91568 29532 97792 37217 79364 12306 98506 14373 29836 72033 53434 67610 74877 20701 60072 47290 55617 85608 38202 401 32 00000 <i>Courtesy Spectre</i>			
0130z	10/12[759 862 31 11159 ... 60267 862 31 00000(f)] 0140z Very Strong, QSB2	(9m38s)	PLdn, Spectre	SAT
0130z	11/12[759 862 31 11159 ... 60267 862 31 00000(f)] 0140z Very Strong, QSB2	(9m38s)	PLdn	SUN
	759 862 31 11159 58735 37498 16320 63408 28541 51481 21849 23328 60503 28120 64064 04038 84761 15734 47726 20129 03239 43843 94921 29471 17473 56048 78212 42708 94817 34802 13260 30112 21469 60267 862 31 00000 <i>Courtesy Spectre</i>			
0130z	17/12[759 126 34 83255 ... 39469 126 34 00000(f)] 0140z Weak	(10m04s)	PLdn, Spectre	SAT
0130z	18/12[759 126 34 83255 ... 39469 126 34 00000(f)] 0140z Very strong	(10m04s)	PLdn	SUN
	759 126 34 83255 95204 57415 91827 61000 18908 26105 62620 34000 90691 77057 68082 67452 51854 68302 31059 14044 33096 64645 07096 84089 23947 78553 57620 55213 39946 99810 66979 01276 86017 06133 64260 45224 39469 126 34 00000 <i>Courtesy Spectre</i>			
0130z	24/12[759 308 42 33816 ... 98563 308 42 00000(f)] 0140z Very strong	(11m04s)	RNGB, Spectre	SAT
0130z	25/12[759 308 42 33816 ... 98563 308 42 00000(f)] 0141z Very strong		Spectre, Danix, RNGB,PLdn	SUN
	759 308 42 33816 22068 62918 04804 25771 30125 83586 04879 83922 80359 85178 30078 21800 57587 52592 83970 27640 29912 35990 40593 62715 34144 46646 67416 94925 37489 34133 55054 66072 67689 05799 58389 16274 28821 74467 78821 13934 44906 45297 42314 64720 98563 308 42 00000 <i>Courtesy Danix& Spectre</i>			
0130z	31/12[759 180 32 97712 ... 90455 108 32 00000(f)] 0140z Weak and noisy	(9m50s)	PLdn, Spectre	SAT

PoSW's logs:

First + Third Thursdays in the Month 2030 UTC Schedule:-

3-Nov-11:- 4,836 kHz, calling “321”, weak signal and noisy frequency, largely unreadable.
Started well before the half-hour.

17-Nov-11:- 4,836 kHz, started approx. 50 seconds early, call “321”, DK/GC “268 268 15 15”. Good signal, much better than on the 3rd. Ended with DK “268 268” but no GC or “zeroes” heard.

1-Dec-11:- 4,836 kHz, started early again, after 2029 UTC. Call “321”, DK/GC “486 486 15 15”.

15-Dec-11:- 4,836 kHz, “321” and “486 486 15 15” again, weak signal. Had the rasping noise on the speech noted earlier in the year but which seemed to have been fixed in recent times and was also present on the previous day’s 1920 + 2020z E06, see below.

Friday 2130 UTC Schedule:-

4-Nov-11:- 4,760 kHz, started approx. 45 seconds early, call “472”, DK/GC “353 353 15 15”. Good signal.

18-Nov-11:- 4,760 kHz, call-up in progress when tuned in 30s before the half-hour, “472” and “353 353 15 15”, same as last time.

2-Dec-11:- 4,760 kHz, call-up in progress when tuned in just after 2129 UTC, call “472”, DK/GC “553 553 15 15”

16-Dec-11:- 4,760 kHz, “472” and “553 553 15 15”, with that unpleasant rasping distortion.

Second Wednesday in the Month 1920 + 2020 UTC Schedule:-

14-Dec-11:- 1920 UTC, 4,036 kHz, “829 829 829 00000”. I usually manage to miss this schedule, mainly I think, because of its unusual start time of twenty minutes past the hour.

Made sure of it today by setting an alarm clock to 7.15 pm in readiness! Shown in E2k67 as being on 4,036 kHz in November so no change in December. Had the same rasping distortion on the speech noted on the Thursday and Friday evening schedules in the past - and which returned again on Thursday 15-December after having gone away for some time.

2020 UTC, 3,842 kHz, second sending with the same distortion, not found until about two minutes into the transmission, hadn't expected it to be so close to the 1920z frequency. Spent a couple of minutes searching inside the 80 metre amateur band and down to 3,000 kHz until tuning up towards 3,842.

E07 [1B]

We open E07[Fan IB] with PoSW's logs:

Sunday + Wednesday Schedule, 1800 UTC Start:-

6-Nov-11, Sunday:- 1800 UTC, 8,183 kHz, “199 199 199 1”, DK/GC “502 34” x 2.

1820 UTC, 6,982 kHz, second sending, S9+ carrier but with low audio at first, after about 30 seconds suddenly dropped to S7 but with better modulation.

1840 UTC, 5,938 kHz, third sending, difficult copy due to being inside the 49 metre band.

13-Nov-11, Sunday:- 1800 UTC, 8,183 kHz, “199 199 199 000”. S9 carrier, audio low but readable.

16-Nov-11, Wednesday:- 1820 UTC, 6,982 kHz, “199 199 199 000”.

20-Nov-11, Sunday:- 1800 UTC, 8,183 kHz, “199 199 199 1”, DK/GC “796 94” x 2. S9 signal with better than usual audio.

1820 UTC, 6,982 kHz, second sending, S9 with deep QSB, good audio.

1840 UTC, 5,938 kHz, third sending suffering from broadcast interference.

4-Dec-11, Sunday:- 1800 UTC, 6,982 kHz, “989 989 989 1”, DK/GC “931 76” x 2. Mod low but readable.

1820 UTC, 5,836 kHz, second sending, inside 49 metre band with broadcaster interference and also, strangely for this part of the spectrum, a data signal, SITOR or similar.

1840 UTC, 4,938 kHz, third sending, peaking over S9, reasonable audio, best sending of the three by far.

11-Dec-11, Sunday:- 1800 UTC, 6,982 kHz, very low mod, unreadable, full message format, carrier went QRT 1806z.

1820 UTC, 5,836 kHz, second sending, also unreadable.

1840 UTC, 4,938 kHz, S9 signal, audio not great but readable, “989 989 989 1”, DK/GC “613 33” x 2. Heterodyne from a carrier on 4,940 started towards the end of the call-up, probably a tropical broadcaster starting up for the evening.

18-Dec-11, Sunday:- 1800 UTC, 6,982 kHz, “989 989 989 000”, audio weak but readable.

Monday + Wednesday Schedule, 2000 UTC Start:-

2-Nov-11, Wednesday:- 2000 UTC, 7,724 kHz, “798 798 798 000”, low audio but readable.

2020 UTC, 6,924 kHz, second sending, S9+ signal, better modulation than first sending.

7-Nov-11, Monday:- 2000 UTC, 7,724 kHz, “798 798 798 000”.

28-Nov-11, Monday:- 2000 UTC, 7,724 kHz, very weak signal, unreadable at my QTH, appeared to go off shortly before 2002 and 30 seconds UTC so looks like “no message”.

2020 UTC, 6,924 kHz, second sending, very weak, unreadable.

12-Dec-11, Monday:- 2000 UTC, 7,478 kHz, tuned in approx. 2003 UTC, “full message” in progress, very low audio, E07 OM only just audible. This frequency used in December last year but *then* there was interference from a strong broadcast station on 7,475 identified as The Voice of Greece in their native language; not observed today, I suppose since the old Bubble-and-Squeaks exchanged all their Drachmas for Euros they no longer have any coins for the electricity meter which supplies the transmitters!

2020 UTC, 6,778 kHz, second sending, much better audio, “472 472 472 1”, DK/GC “577 20” x 2, ended with “000 000” 2024 and 35s UTC.

2040 UTC, 5,278 kHz, third sending, best signal of the three.

Thursday Schedule, 2110 UTC Start:-

3-Nov-11:- 2110 UTC, 6,777 kHz, “744 744 744 000”.

2130 UTC, 5,449 kHz, second sending, close to RAF VOLMET 1 kHz up.

10-Nov-11:- 2110 UTC, 6,777 kHz, “744 744 744 000”, strong “XJT” on frequency, not noted last time.

24-Nov-11:- 2110 kHz, 6,777 kHz, “744 744 744 000”, good signal with reasonable audio.

2130 UTC, 5,449 kHz, second sending, chatter from VOLMET on 5,450.

8-Dec-11:- 2130 UTC, 5,449 kHz, missed 2110z sending, warming up for a “full message”, “744 744 744 1”, DK/GC “582 47” x 2, S9 signal with better audio than of late.

2150 UTC, 4,483 kHz, third sending, peaking over S9 with good audio.

15-Dec-11:- 2110 UTC, 6,777 kHz, carrier up but audio so low as to be unreadable, went off a bit before 2112 and 30s UTC so looks like “no message”.

2130 UTC, 5,449 kHz, “744 744 744 000”, much clearer than the first sending.

Wednesday E07a SSB Schedule, 2100 UTC Start:-

2-Nov-11:- 2100 UTC, 5,864 kHz, “815 815 815 1 62128”, a 5F group in the call-up standard practice for the SSB E07 variant for some reason. DK/GC “124 69” x 2. Very strong signal.

2120 UTC, 5,164 kHz and 2140 UTC, 4,564 kHz, repeats. Both S9+ SSB signals.

16-Nov-11:- 2100 UTC, 5,864 kHz, "815 815 815 000".
 2120 UTC, 5,164 kHz, second sending.

30-Nov-11:- 2100 UTC, 5,864 kHz, "815 815 815 000".

7-Dec-11:- 2100 UTC, 5,864 kHz, "815 815 815 1 62128", DK/GC "124 69" x 2. Looks like the return of the message transmitted on 2-November.
 2120 UTC, 5,164 kHz and 2140 UTC, 4,564 kHz, repeats.

RNGB's logs read:

E07 November log:

Weds	2nd	20.00	7724	'798' 000
Thursday	3rd	08.20	6767	'873' 000
Sunday	6th	18.20	6982	'199' 1 502 34 9305? 04254 etc
Weds	16th	18.00	8183	'199' 000
		20.00	7724	'798' 000
Sunday	20th	18.00	8183	'199' 1 796 94 73038 53153 11896 76788 etc
Weds	23rd	20.00	5864	'815' 000
Sunday	27th	18.00	8183	'199' 415 36 82421 98737 75723.....
Monday	28th	20.20	6924	'798' 000
Weds	30th	21.00	5864	'815' 000

E07 log December

Weds	7th	18.40	4938	'989' 931 76 51525 81607.....
Thursday	8th	21.10	6777	'744' 582 47 59126 43616 40527 35893.....
Weds	14th	18.00	6982	'989' 613 33 98955 05188 94007.....
		21.00	5864	'815' 000
Sunday	18th	18.00	6982	'989' 000
Thursday	22nd	21.30	5449	'744' 238 46 21332 82740 85131 23351.....
Weds	28th	21.00	5864	'815' 000

NOTE: The 0800z Tues/Thurs schedule has not been heard since beginning of November.

Onto others' logs:

November 2011:

5449kHz 2130z	03/11[744 744 744 000] 2132z Weak VOLMETQRM2 QSB2	Spectre	THU	
2130z	10/11[774 000] Medium signal strength, weak/moderate signal, strong bleeding from VOLMET	FR, PLdn	THU	
2130z	17/11[744 744 744 000...] VERY WEAK 000 2132z	AIK	THU	
5867kHz 0800z	01/11 Strong carrier only	PLdn	TUE	
0800z	03/11 Strong carrier only	PLdn	THU	
5938kHz 1840z	02/11[199 msg txt 000 000]	(10m15s)	PLdn	WED
1840z	06/11 Strong bleeding, no audio could be heard	FR, AIK	SUN	
1840z	09/11[199 1 502 34 000 000] Very weak	PLdn	WED	
1840z	20/11[199 1 796 94 73038 ... 97047 000 000] Odd characters BCQRM3/4	(12m06s)	PLdn, FR, AIK	SUN
1840z	23/11 BCQRM5	(12m06s)	HJH, PLdn	WED
1840z	27/11[199 1 415 36 82421 ... 11548 000 000] Weak & noisy	(6m51s)	AIK, FR	SUN
6767kHz 0820z	01/11 XJTQRM5	PLdn	TUE	
0820z	03/11 Strong carrier only	PLdn	THU	
0820z	10/11[873 000] Strong	(2m13s)	PLdn	THU
6777kHz 2110z	03/11[744 744 744 000] 2112z Weak QRN3 QSB3	Spectre	THU	
2110z	10/11[774 000] Strong signal, weak/moderate noise noise	FR	THU	
2110z	17/11[744 744 744 000...] VERY WEAK 000 2112z	AIK	THU	
6924kHz 2020z	02/11[798 798 798 0 0 0] WEAK QSB2 0 0 0 2022z	AIK	WED	
2020z	07/11[798 000] Weak and noisy	(2m13s)	PLdn	MON
2020z	14/11[798 000] Weak and noisy	(2m13s)	PLdn, FN	MON
2020z	16/11[798 000]Strong	(2m13s)	FN, PLdn, Spectre	WED
2020z	21/11[798 000]Fair audio, strong, noisy carrier	(2m13s)	PLdn, Spectre	MON
2020z	23/11[798 000]Fair	(2m13s)	Spectre, PLdn	WED
2020z	30/11[798 000]Strong	(2m13s)	PLdn	WED
6982kHz 1820z	02/11[199 msg txt 000 000]	(10m15s)	PLdn	WED
1820z	06/11[199 1 502 34 49305 ... 03839 000 000] Strong signal, very strong noise, fading	FR, AIK	SUN	
1820z	09/11[199 1 502 34 000 000] Weak	PLdn	WED	
1820z	13/11[199 000] Weak audio and noisy	(2m13s)	PLdn	SUN
1820z	16/11[199 000] Strong carrier, weak audio	(2m13s)	FN, PLdn	WED
1820z	20/11[199 1 796 94 73038 ... 97047 000 000] Strong	(12m06s)	PLdn, FR, AIK	SUN
1820z	23/11[199 1 796 94 73038 ... 97047 000 000] Weak, QRM2	(12m06s)	PLdn	WED
1820z	27/11[199 1 415 36 82421 ... 11548 000 000] Weak & noisy	(6m51s)	AIK, FR	SUN
7724kHz 2000z	02/11[798 798 798 0 0 0...] FAIR QSB1 0 0 0 2002z	AIK	WED	
2000z	07/11 Strong carrier only	PLdn	MON	
2000z	14/11[798 798 798 000] 2002z Fair QRN2 QSB3	Spectre, PLdn, FN	MON	

2000z	16/11[798 798 798 000] 2002z Weak QRN3 QSB3					
2000z	21/11[798 000]Weak, QRM4					
2000z	23/11[798 000]Fair, QRM2					
2000z	30/11 QRM5					
8183kHz1800z	02/11[199 msg txt 000 000]					
1800z	06/11[199 1 502 34 49305 ... 03839 000 000] Very strong signal, weak/moderate noise, fading					
	199 1 502 34 49305 04214 02355 05061 73650 02965 27955 77729 17037 52758 94059 38157 30773 01933 50727 99552 84455 51478 65409 73990 25926 25974 77995 04330 87035 05158 92259 83852 94418 52528 72456 24912 03266 03839 000 000	<i>Courtesy FR</i>				
1800z	09/11[199 1 502 34 000 000] Weak, almost inaudible					
1800z	13/11[199 000] Very strong signal, weak noise					
1800z	16/11[199 000] Strong carrier, weak audio					
1800z	20/11[199 1 796 94 73038 ... 97047 000 000] Fair					
1800z	23/11 NRH					
1800z	27/11[199 1 415 36 82421 ... 11548 000 000] Weak & noisy					
	199 1 415 36 82421 98737 75723 85176 68695 15884 31366 12835 41235 82228 77152 90018 69061 91775 40033 75741 18458 29129 96929 01760 12224 21360 32758 20139 99511 39098 47372 91312 41310 43944 10334 03642 32998 10084 55414 11548 000 000	<i>Courtesy AIK</i>				

December 2011:

4483kHz2150z	01/12[744 1 582 47 59126 ... 23752 000 000] Very strong signal, moderate noise					
2150z	08/12[744 1 582 47 59126 ... 23752 000 000] 2157z Fair					
2150z	22/12[774 1 238 48 21334 ... 66737 000 000] 2157z					
2150z	29/12[744 1 238 46 21332 ... 66937 000 000] Strong with noise					
4938kHz1840z	04/12[989 1 931 n7 (51525) ... 43163 000 000] 1850z Weak, QRN3					
1840z	11/12[989 1 000 000] Very weak, QRM3/4					
1840z	14/12[989 989 989 1] weak					
5278kHz2040z	12/12[472 1 577 20 11033 ... 08282 000 000] 2044z baD fading					
2040z	14/12[472 1 577 20 20492 ... 08282 000 000]					
5836kHz 1820z	18/12[989 000] Weak, BCQRM3					
5449kHz2130z	01/12[744 1 582 47 59126 ... 23752 000 000]Strong signal, weak noise, strong bleeding					
2130z	22/12[774 1 238 48 21334 ... 66737 000 000] 2137z Fair, QRM3					
2130z	29/12[744 1 238 46 21332 ... 66937 000 000] Fair, VOLMETQRM3					
6777kHz2110z	01/12[744 1 582 47 59126 ... 23752 000 000] Very strong signal, weak noise, minor fading					
	744 1 582 47 59126 43616 40527 35893 68306 42931 66599 32719 92882 10398 93811 03436 98716 75835 50378 05846 00311 90726 37195 10529 64216 56462 60436 07283 99174 38641 90696 91902 67106 27008 76806 95617 16164 76793 71152 20515 01620 95241 41202 04870 27672 39162 21077 69102 15112 47799 23752 000 000	<i>Courtesy Fox</i>				
2030z	15/12[744 000] Very strong signal, weak/moderate noise					
2110z	22/12[774 1 238 48 21334 ... 66737 000 000] 2117z Fair					
6778kHz2020z	07/12 carrier only ended 2023z					
2020z	12/12[472 1 577 20 20492 ... 08282 000 000]] 2024z QSB					
2020z	19/12[472 000] 2002z Weak, noisy					
2020z	21/12[472 000]2022z Weak and noisy					
2020z	26/12[472 472 472 000] 2022z QRN3 QSB2					
2020z	28/12[472 000] Strong signal, moderate noise					
6982kHz1800z	14/12[989 989 989 1] weak					
1800z	18/12[989 000] Fair					
1800z	28/12[989 1]Weak noisy					

7478kHz	2000z	05/12[472 472 472 000 472 472 472 000...] 2002z	VERY WEAK	AIK	MON
	2000z	07/12 carrier only ended 2003z		M8	WED
	2000z	12/12[472 1 577 20 20492 ... 08282 000 000] Weak QSB3		AIK	MON
		472 1 577 20 20492 20492 11032 28363 21737 03292 14397 28542 89485 18847 76169 09400 94148 49452 10096 81506 89971 20015 17290 60874 08282 000 000 Courtesy AIK			
2000z		19/12[472 000] 2002z Weak, noisy	(2m13s)	PLdn	MON
2000z		26/12[472 472 472 000] 2002z BCQRM3 QSB2		Spectre	MON

E07a

November 2011:

4564kHz2140z	02/11[815 1 62128 124 69 64125 ... 53799 000 000]Very strong	(8m17s)	Spectre,PLdn, AIK	WED
5146kHz0540z	03/11[188 1 62128 124 69 64125 ... 53799 000 000]Very strong	(8m17s)	PLdn	THU
0540z	10/11[188 000] Strong	(2m13s)	PLdn	THU
0540z	17/11[188 000] Very strong	(2m13s)	PLdn	THU
0540z	23/11[188 000] Very strong	(2m13s)	PLdn	THU
5164kHz2120z	02/11[815 1 62128 124 69 64125 ... 53799 000 000]Very strong	(8m17s)	RNGB, PLdn, AIK	WED
	815 815 815 1 62128 815 815 815 1 62128 815 815 815 1 62128 815 815 815 1 62128 815 815 815 1 62128 815 815 815 1 62128			
	124 69 124 69			
	64125 70735 04391 65921 90107 35180 85225 19695 23078 64391 14205 19608 23662 60316 03365 40435 88857 38868 11787 45539 85959 34556 00876 68541 72698 24959 73108 94416 15049 22577 02214 48940 20683 06035 71827 34559 39715 90384 33099 15243 79068 13963 57789 76291 73229 25495 46863 72936 63819 79582 84172 38245 27101 12270 85507 35701 07507 74404 97795 97722 06247 89528 63362 48286 43085 43465 92819 10811 53799 0 0 0 0 0			
	<i>Courtesy AIK & Spectre</i>			
2120z	09/11[815 000] Strong, BCQRM3	(2m13s)	PLdn,Spectre	WED
2120z	16/11[815 000] Very strong	(2m13s)	AIK, PLdn, Spectre	WED
2120z	23/11[815 000] Very strong	(2m13s)	HJH, FN, Spectre	WED
2120z	30/11[815 000] Very strong	(2m13s)	PLdn, Spectre	WED
5846kHz0600z	03/11[188 1 62128 124 69 64125 ... 53799 000 000]Very strong	(8m17s)	PLdn	THU
0600z	10/11[188 000] Strong	(2m13s)	PLdn	THU
0600z	17/11[188 000] Very strong	(2m13s)	PLdn	THU
0600z	23/11[188 000] Very strong	(2m13s)	PLdn	THU
5864kHz2100z	02/11[815 1 62128 124 69 64125 ... 53799 000 000]Very strong	(8m17s)	PLdn, AIK, Spectre	WED
2100z	09/11[815 000] Strong, BCQRM3	(2m13s)	PLdn, Spectre	WED
2100z	16/11[815 000] Strong, BCQRM4	(2m13s)	AIK, PLdn, Spectre	WED
2100z	23/11[815 000] Very strong, BCQRM2 [Bleeps and Hets]	(2m13s)	HJH, FN, Spectre	WED
2100z	30/11[815 000] Very strong, BCQRM2 [Bleeps and Hets]	(2m13s)	PLdn, Spectre	WED
6846kHz0620z	03/11[188 1 62128 124 69 64125 ... 53799 000 000]Very strong	(8m17s)	PLdn	THU
0620z	10/11[188 000] Strong	(2m13s)	PLdn	THU

E07a

December 2011:

4564kHz2140z	07/12[815 1 62128 124 69 64125 ... 53799 000 000]Very strong (Rpts Msg sent 02-03/11)	(8m15s)	Spectre, RNGB	WED
5146kHz0530z	01/12[188 000] 0532z Very strong	(2m213)	PLdn	THU
0530z	08/12[188 1 62128 124 69 64125 ... 53799 000 000]Very strong	(8m15s)	PLdn	THU
0530z	15/12[188 000] 0532z Very strong	(2m213)	PLdn	THU
0530z	22/12[188 000] Very strong	(2m13s)	PLdn	THU
0530z	29/12[188 000] Very strong	(2m13s)	PLdn	THU
5164kHz2120z	07/12[815 1 62128 124 69 64125 ... 53799 000 000]Very strong (Rpts Msg sent 02-03/11)	(8m15s)	Spectre, PLdn	WED
	815 1 62128 124 69 64125 70735 04391 65921 90107 35180 85225 19695 23078 64391 14205 19608 23662 60316 03365 40435 88857 38868 11787 45539 85959 34556 00876 68541 72698 24959 73108 94416 15049 22577 02214 48940 20683 06035 71827 34559 39715 90384 33099 15243 79068 13963 57789 76291 73229 25495 46863 72936 63819 79582 84172 38245 27101 12270 85507 35701 07507 74404 97795 97922 06247 89528 63362 48286 43085 43465 92819 10811 53799 0 0 0 0 0			
	<i>Courtesy Spectre</i>			
2120z	14/12[815 000] Very strong	(2m13s)	Spectre, M8	WED
2120z	21/12[815 000] Very strong	(2m13s)	PLdn	WED
2120z	28/12[815 000] Strong	(2m13s)	Spectre, HJH	WED

5846kHz0550z	01/12[188 000] 0532z Very strong	(2m213)	PLdn	THU
0550z	08/12[188 1 62128 124 69 64125 70735 53799] 0558z Strong QSB2		Hans, MalcF	THU
0550z	15/12[188 000] 0532z Very strong		MalcF	THU
0550z	22/12[188 000] Very strong	(2m13s)	PLdn	THU
0550z	29/12[188 000] Very strong	(2m13s)	PLdn	THU
5864kHz2100z	07/12[815 1 62128 124 69 64125 ... 53799 000 000]Very strong (Rpts Msg sent 02-03/11)	(8m15s)	PLdn, M8	WED
2100z	14/12[815 000] Very strong, BCQRM2	(2m13s)	PLdn, M8	WED
2100z	21/12[815 000] Very strong, BCQRM2	(2m13s)	PLdn	WED
2100z	28/12[815 000] Fair, BCQRM3/4	(2m13s)	PLdn, FR	WED
6846kHz0610z	08/12[188 1 62128 124 69 64125 ... 53799 000 000] Strong		MalcF	THU

E11[III]

E11 log Nov/Dec:

3838kHz 1855z	11/11 [262/00] Good		RNGB	FRI
4441kHz 0900z	05/11 [248/00] Very weak		RNGB	SAT
0900z	10/11 [248/00] 0903z Very Weak QRN3 QSB3		Spectre	THU
1445z	12/11 [287/00]		Danix	SAT
1445z	26/11 [287/00] Fair		RNGB	SAT
1445z	10/12 [287/00] Very weak, buried in noise		Malc	SAT
1445z	14/12 [287/00] Fair		RNGB	WED
0900z	15/12 [248/00] Weak		RNGB	THU
0900z	17/12 [248/00] Weak		RNGB	SAT
1445z	17/12 [287/00] Very strong		Danix, RNGB	SAT
0900z	31/12 [248/00] Very weak		RNGB	SAT
4958kHz 1240z	13/11 [349/00] after 3 minutes 18 secs, she sent one group message, 51279!		Danix	SUN
1240z	15/11 [349/00]		Fritz	TUE
1240z	27/11 [349/00] Strong signal, strong noise		Fox	SUN
1240z	29/11 [349/00] 1243z Weak QRN3 QSB3		Spectre	TUE
1240z	11/12 [349/00]		RNGB	SUN
1240z	18/12 [349/00] Weak		RNGB	SUN
1240z	27/12 [349/00]		RNGB, Dannix	TUE
4909kHz 2000z	20/12 [757/00000/00] 2 min, "out"		Fritz	TUE
5082kHz 0450z	14/11 [416/00]		Fritz	MON
1730z	17/11 [416/00] 1733z Weak QRN3 QSB3		Spectre	THU
1730z	24/11 [416/00]		RNGB	THU
1729z	01/12 [416/00] Strong, Out 1732z		Douglas	THU
1730z	08/12 [416/00] Strong, QRM4(XJT), Out 1732z		Douglas, RNGB	THU
1730z	15/12 [416/00] Good		RNGB	THU
1730z	29/12 [416/00] Good		RNGB	THU
7317kHz 0820z	03/11 [438/00]		RNGB	THU
0820z	07/11 [438/00]		RNGB	MON
0820z	10/11 [438/00] 0823z Weak QRN3 QSB2		Spectre	THU
0820z	21/11 [438/00]		RNGB	MON
0820z	24/11 [438/00]		RNGB	MON
0820z	28/11 [438/00] Good		RNGB	MON
0820z	01/12 [438/00]		RNGB	THU
0820z	12/12 [438/00]		RNGB	MON
0820z	19/12 [438/00]		RNGB	MON
0820z	22/12 [438/00] Good		RNGB	THU
0820z	26/12 [438/00] Good		RNGB	MON
7840kHz 0645z	22/11 [517/00]		Fritz	TUE
0645z	08/12 [517/00]		RNGB	THU
0645z	13/12 [517/00]		RNGB	TUE
0645z	15/12 [517/00]		RNGB	THU
0645z	27/12 [517/00]		Ary	TUE
8091kHz 1045z	02/11 [469/00]		RNGB	WED
1045z	22/11 [469/00] 1048z Weak Carrier QRM3 QSB2		Spectre	TUE
1045z	23/11 [469/00] 1048z Weak Carrier QRM3 QSB2		Spectre	WED
1045z	29/11 [469/00] mYL, RST 51		Brixmis	TUE
1045z	30/11 [469/00] 1048z Weak QRN3 QSB3		Spectre	WED
1045z	06/12 [469/00]		RNGB	TUE
1045z	07/12 [469/00]		RNGB	WED
1045z	13/12 [469/00]		RNGB	TUE
1045z	20/12 [469/00]		RNGB	TUE
1045z	21/12 [469/00]		RNGB	WED
8102kHz 1900z	23/11 [747/0000/00]		RNGB	WED
1900z	30/11 [747/0000/00] Good		RNGB	WED

9079kHz	0930z	02/11 [270/00]	RNGB	WED
	0930z	03/11 [270/00]	RNGB	THU
	0930z	10/11 [270/00] 0933z Fair QRN3 QSB3	Spectre	THU
	0930z	16/11 [270/00]	RNGB	WED
	0930z	17/11 [270/00] 0933z Fair QRN3 QSB2	Spectre	THU
	0930z	30/11 [270/00] YL, RST 41,	Brixmis	WED
	0930z	14/12 [270/00]	RNGB	WED
	0930z	21/12 [270/00]	RNGB	WED
	0930z	22/12 [270/00] Out 0933z	Malc	THU
9446kHz	0900z	02/11 [534/00]	RNGB	WED
	0830z	03/11 [649/00]	RNGB	THU
	0900z	14/11 [534/00]	Brixmis	MON
	0900z	16/11 [534/00]	RNGB	WED
	0900z	21/11 [534/00]	RNGB	MON
	0900z	23/11 [534/00] mYL, RST 51	Brixmis	WED
	0830z	24/11 [649/00] 0833z ended 'Out'.	Malc	THU
	0830z	28/11 [649/00] Good	RNGB	MON
	0830z	01/12 [649/00]	RNGB	THU
	0830z	05/12 [649/00] QSA2, QSB2, digi QRM2	MG	MON
	0830z	12/12 [649/00]	RNGB	MON
	0900z	12/12 [534/00]	RNGB	MON
	0900z	14/12 [534/00]	RNGB	WED
	0900z	21/12 [534/00]	RNGB	WED
	0830z	26/12 [649/00]	RNGB	MON
	0900z	26/12 [534/00] Fair	RNGB	MON
	0900z	28/12 [534/00] Fair	RNGB	WED
10800kHz	0710z	04/11 [633/00] Strong	RNGB	FRI
	0710z	15/11 [633/00]	RNGB	TUE
	0710z	25/11 [633/00]	RNGB	THU
	0710z	29/11 [633/00]	RNGB	TUE
	0710z	02/12 [633/00] Very strong signal, weak noise	Fox	FRI
	0710z	13/12 [633/00]	RNGB	TUE
	0710z	16/12 [633/00]	RNGB	FRI
	0710z	20/12 [633/00]	RNGB	TUE
	0710z	23/12 [633/00]	RNGB	FRI
	0710z	30/12 [633/00] Good	RNGB	FRI
15632kHz	1540z	06/11 [228/00] Good	RNGB	SUN
	1155z	10/11 [718/00] Good	RNGB	THU
	1540z	14/11 [228/00] Good	RNGB	MON
	1155z	01/12 [718/00]	RNGB	THU
	1155z	07/12 [718/00]	RNGB	WED
	1155z	14/12 [718/00] Good	RNGB	WED
	1155z	21/12 [718/00] Good	RNGB	WED
16112kHz	0745z	15/11 [335/00] mYL RST 51	Brixmis	TUE
	0745z	17/11 [335/00] mYL RST 51	Brixmis	THU
	0745z	22/11 [335/00] Tx broke after 2 calls, then restarted	RNGB	TUE
	0745z	24/11 [335/00] Good	RNGB	THU
	0745z	29/11 [335/00]	RNGB	TUE
	0745z	01/12 [335/00]	RNGB	THU
	0745z	06/12 [335/00] Weak with an echo	RNGB	TUE
	0745z	08/12 [335/00]	RNGB	THU
	0745z	20/12 [335/00] Good	RNGB	TUE
	0745z	22/12 [335/00]	RNGB	THU

E11a log Nov/Dec:

3838kHz	1855z	25/11 [266/34 51580 10479 20036 94349 82653.....]	RNGB	FRI
4441kHz	1050z	20/11 [128/32 36176 64982 19658 51235 50460 ... 71990]	Danix, Spectre	SUN
4958kHz	1240z	06/11 [347/32 04741 63085 47447 07240 73204...?] Very weak	RNGB	SUN
5082kHz	1730z	10/11 [412/38 54537 23754 29739 29604 37310.....67874]	RNGB	THU
	1730z	22/12 [418/31 A 47975 31112 02207] Out 1740z Strong QSB2	Hans	THU
6923kHz	1710z	11/11 [959/30 06920 85481 41223 71536 96102.....12273] Out 1719, Strong	RNGB	FRI
	1710z	14/11 [953/28 09507 13395 28308 25982 18292.....19133] Strong	RNGB	MON
	1710z	21/11 [957/30 00002 69805 22258 05211 55345.....87490] Good	RNGB	MON
	1710z	25/11 [959/30 63920 97163 48230 51965 33746.....16564]	RNGB	FRI
	1710z	02/12 [955/30 52237 82551 14057 33277 42669.....59275]	RNGB	FRI
	1710z	09/12 [955/30 60962 71285 66486 76171 16600.....78894]	RNGB	FRI
	1710z	19/12 [959/27 10051 97293 48640 73857 27686.....12233] Good	RNGB	MON
	1710z	23/12 [953/20 71386 41793 52724 01427 50302.....45115] Fair, QRM	RNGB	FRI
7317kHz	0820z	17/11 [436/38 63554 19137.....]	Brixmis	THU
7840kHz	0645z	03/11 [514/34 30445 71537 17198 02388 26663.....78805]	RNGB	THU
	0645z	20/12 [517/35 88034 06159 53640 49820 08150.....06402] Fair	RNGB	TUE

8091kHz	1045z	01/11 [469/38 63692 59397 44083 34122 16678....41377]	RNGB	TUE
	1045z	15/11 [462/31 10871 99978 46277 22850 86323....34987] Fair	RNGB, Spectre	TUE
	1045z	27/12 [463/34 60249 10475 87022 93460 15633....27869] Good	RNGB, Malc	TUE
9079kHz	0930z	23/11 [275/35 03217 89739.....93805]	Brixmis	WED
	0930z	24/11 [275/35 03217 89739 95805 77612 68509....93805]	RNGB	THU
	0930z	07/12 [277/36 06932 11503 71620 09169 27970....31344]	RNGB	WED
9446kHz	0830z	14/11 [640/33 34556 52455 33634 18416 0015295571]	Fritz, Spectre	MON
	0830z	17/11 [640/33 34556 52455] repeat of Monday	Brixmis	THU
	0900z	28/11 [537/32 33621 78230 93576 71057 90066....62421]	RNGB	MON
	0900z	30/11 [537/32 33261 etc] repeat of Monday	RNGB	WED
	0900z	05/12 [537/36 31130 50137 94209 26635 96265....89306] Out 0909z	Malc	MON
	0900z	07/12 [537/36 31130 etc] repeat of Monday	RNGB	WED
	0830z	22/12 [640/38 95574 62288 72471 62763 90582....06446] Good	RNGB	THU
10690kHz	1400z	01/11 [987/10 66081 08806 83745 19034 02011....98543]	RNGB	TUE
	1400z	05/11 [981/10 41998 20365 01429 65876 82423....50811]	RNGB	SAT
	1400z	15/11 [980/10 05842 84401 82813 43276 81236....11034] Good	RNGB	TUE
	1400z	19/11 [984/10 62532 57431 72069 85145 99464....20157] Out 14.7.30z	RNGB	SAT
	1400z	22/11 [985/10 444626 68102 19761 52223 23052....43045]	RNGB	TUE
	1400z	26/11 [985/10 57425 36152 92392 43670 69075....79463]	RNGB	SAT
	1400z	29/11 [981/10 60014 66858 15896 83917 44627....85125]	RNGB	TUE
	1400z	06/12 [981/10 12491 47780 00299 34254 65305....75915]	RNGB	TUE
	1400z	13/12 [981/10 04594 43980 67196 88966 23923....64692]	RNGB	TUE
	1400z	17/12 [987/10 57004 87556 26231 52092 43953.... 77631] Out 1405z	Malc	SAT
	1400z	20/12 [983/10 21247 72679 99395 96882 42824....45179]	RNGB	TUE
	1400z	24/12 [985/10 72846 76596 59186 65642 98396....78061] Good	RNGB, Douglas	SAT
	1400z	27/12 [987/10 32919 27160 71010 36043 79961....06466] Good	RNGB, Malc	TUE
10800kHz	0710z	11/11 [633/37 51330 98766 54198 89023 87709....13953] Very strong	Fox	FRI
	0710z	09/12 [631/36 51133 47025 29356 98928 54262....08563]	RNGB	FRI
12153kHz	1600z	03/11 [640/26 91782 82755 04740 69153 76925....06943]	RNGB	THU
	1600z	10/11 [641/23 63482 08233 32171 74990 28785....44789]	RNGB	THU
	1600z	14/11 [641/24 87530 03235 53910 42399 76295....45301]	RNGB	MON
	1600z	17/11 [644/20 72723 62469 16078 29849 19290....66265]	RNGB	THU
	1600z	21/11 [64?/20 18479 73172 72170 97888 33764....63007] Good	RNGB	MON
	1600z	24/11 [645/25....] Unable to copy message due fading in and out 1607z	Malc	THU
	1600z	28/11 [641/20 05314 48963 86069 9\\$025 82529....67638]	RNGB	MON
	1600z	01/12 [641/24 07978 37229 02105 62002 53900....33580] Good, Out 1608z	RNGB	THU
	1600z	05/12 [640/30 08970 81092 12030 78062 53548....23371] Out 1608z, S9	Malc	MON
	1600z	08/12 [645/25 02465 29950 53898 33531 80151....17605]	RNGB	THU
	1600z	12/12 [641/21....] too weak to copy	RNGB	MON
	1600z	15/12 [641/23 35619 14846 97179 46136 96070....87602] QSB, QRM	RNGB	THU
	1600z	22/12 [641/23 05671 40409 27044 10084 15840....72595] Good, QRM	RNGB	THU
	1600z	29/12 [641/24 77427 80323 13546 01897 09598....72372] Out 1608z	Malc	THU
14410khz	1110z	02/12 [950/35 80729 10674 87705 19318 19372....09907]	RNGB	FRI
15632kHz	1155z	17/11 [71?/31 47541 82277 16343 61479 20213....28776] Good	RNGB	THU
	1540z	21/11 [225/31 97993 79241 00579 74619 23146....19442] Strong	RNGB	MON
	1540z	27/11 [225/31 97993 79241 00579 74619 23146....19442]	RNGB	SUN
	1155z	28/12 [713/31 50543 48517 87413 19691 60317....90045] Strong	RNGB	WED
16112kHz	0745z	01/11 [333/32 06797 94582 55308 48360 81063....09055] Very strong	RNGB	TUE
	0745z	03/11 [333/32 06797 etc] repeat of Tuesday	RNGB	THU
	0745z	13/12 [332/30 57896 94480 67349 59631 52119....02130] Good, Out 0754z	RNGB	TUE
	0745z	15/12 [332/30 57896 etc] repeat of Tuesday	RNGB	THU

E17z
November 2011:

8658kHz0800z	24/11[674x3 00000]	GD	THU
9248kHz0810z	24/11[674x3 00000]	GD	THU
10233kHz0820z	24/11[674x3 00000]	GD	THU
10607kHz0830z	24/11[674x3 00000]	GD	THU
11427kHz0840z	24/11[674x3 00000]	GD	THU
12543kHz0850z	24/11[674x3 00000]	GD	THU
11170kHz0800z	03/11[674 931 5 74167 85202 85141 64526 83957]	GD	THU

December 2011:

8658kHz0800z	01/12[674x3 00000]	GD	THU
9248kHz0810z	01/12[674x3 00000]	GD	THU
10233kHz0820z	01/12[674x3 00000]	GD	THU
10607kHz0830z	01/12[674x3 00000]	GD	THU
11170kHz0800z	22/12[674 983 5 73575 74501 45510 48743 53224]	GD	THU
11427kHz0840z	01/12[674x3 00000]	GD	THU
12543kHz0850z	01/12[674x3 00000]	GD	THU

E23 [XI] Frequencies and Times, All SSB [From AnonUK]

Since December 2004 skeds have become erratic, and may not stick to correct weeks. Some voice transmissions have been heard in week 2. Week 1 Usually starts on the first Monday of the Month, but there have been variations to this.

Times are not rigid, has been known to start as early as Hour + 52 [Txn AnonUK]. Week 2 was M04 Not heard since September 2000

	Week 1		Week 2		Week 3		Week 4	
	Time	Freq	Time	Freq	Time	Freq	Time	Freq
Monday	0957	6507			0757	4832	0757	5340
	1157	8188			0957	6200	0957	8188
	1257	5340			1157	8188	1157	7250
Wednesday	0957	6507			0757	4832	0757	5340
	1157	8188			0957	6200	0957	8188
	1257	5340			1157	8188	1157	7250

E25 [O]

E25 operators occasionally transmit music, for unknown reasons. Maybe the purpose is to test their equipment or to send a special signal to someone out there. This time a different song was heard during 13/11, 14/11, 15/12 and 28/12. The song is called "Ahwak" (which means "I love you") from one of the most popular Egyptian singers, Abdel Halim Hafez [http://en.wikipedia.org/wiki/Abdel_Halim_Hafez]. You can hear a version which resembles the one E25 operators use at [<http://www.youtube.com/watch?v=Woh0e8Dlrb4>]. Apart from the usual YL transmissions, haunted with errors and Windows XP sounds, four live transmissions occurred on 03/11 and 06/12.

And now let's do some message analysis.

The first group of ID 116 appears to be a serial/group-count group. The principle to convert a group to a group-count and serial number is: If ABCD is the serial/group-count group, BA is the serial and DC is the group count.

The first group of ID 169 messages contains a serial group. The serial number of the last log from the previous NL (see log of 09/10) was 10. On 13/11 it was 11 and on 12/12 it was 12.

Furthermore, some IDs' messages posses a date group. For example, ID 555 messages posses such a group i.e. a group which corresponds to the date of the first transmission of a message. Again, the principle to obtain the message date is: If XYZW is the date group; the date of the first sending of the particular message is YX/WZ. On 2/11 there was no date group for 555, while on 12/12 the date group was there. This had happened again in the past.

That "disappearance" of date group also happened for ID 111, on 24/11. ID 014 got the same message after 11 days, 02/11 and 13/11 (red star in logs). That's an unusual long period of time, but don't forget that in the recent past, messages were repeated for more days.

November 2011

6140kHz 0800z	01/11[016 8121 5737 9020 8882 7755 6334 4588 4432 0390 5281 8338 0233 118 017 89]0804z	MG	TUE
0930z	01/11[333 2001 <u>4260</u> 4357 8208 1035 9028 6605 8252 5733 <u>4260</u>]0934z YL, EOM	MG	TUE
9450kHz 1318z	01/11[785 10 11 788 4 5 6 8 9]1320z carrier 1307z, YL, 7 rptd Mx3, Rx3, EOM, QRT 1323z	MG	TUE
6140kHz 0759z	02/11[116 9101 4832 2301 8545 8855 1060 2855 0364 8712 3865]0804z YL, EOM, AM, carrier	MG	WED
0814z	02/11[014 2955 <u>8260</u> 1882 1474 3692 4214 3202 4130 5863 2298 7852 8222 <u>8260</u> 0241]0819z*	MG	WED
0829z	carrier, YL, EOM only, carrier, AM	MG	WED
9450kHz 1232z	02/11[702 190836z carrier, YL, break at 0831z, 0833z WinXP startup sound, Mx3, AM	MG	WED
	02/11[555 2030 1021 8650 7130 5710 7557 9974 0130 5170 1776 7338 <u>8650</u>]1240z	MG	WED
	carrier up 1226z, 555, ALM, YL, EOM, brief ALM	MG	WED
6140kHz 0816z	03/11[185 2493 8010 4469 5416 7143 2723 6223 9133 3991]0820z Distorted tone, OM live	MG	THU
0930z	03/11[133 6679 3365 6181 9359 0270 2032 2353 0290 8172 4495]0935z	MG	THU
	Distorted tone, OM live, pause	MG	THU
9450kHz 1232z	03/11[557 1]1240z carrier 1210z, Windows sounds, ALM, YL, Mx1	MG	THU
1303z	03/11[277 1]1306z 1241z carrier, YL	MG	THU
6140kHz 0814z	04/11[185 (as of 03/11)]0818z YL, EOM, AM	MG	FRI
0930z	04/11[133 (as of 03/11)]0934z YL, sl. digi QRM, EOM	MG	FRI
1116z	04/11[880 <u>2270</u> 5101 1096 7566 3287 4310 5768 8986 9135 <u>2270</u>]1120z	MG	FRI
	YL, Win sound, pause, EOM	MG	FRI

9450kHz 1203z	04/11[277 1]1205z i.p. YL, Mx3, carrier	MG	FRI
1200z	04/11 very strong	AE	FRI
1159z	04/11 very strong, ended 1301z	AIK	FRI
1248z	04/11 E25 suspected; that sounded like the mic was bumped or brushed-up against	AIK	FRI
1303z	04/11[277 1]1305z YL, Mx3, carrier QRT 1321z Win logoff sound	MG	FRI
1259z	04/11 very strong	AE	FRI
1258z	04/11 very strong, ended 1301z	AIK	FRI
1316z	04/11 E25 suspected; noise that sounded like the Windows OS "shutdown.wav"	AIK	FRI
	12/11: I missed two E25 transmissions on 6140 kHz 0800z - 1000z due to PC problems.		
6140kHz 1029z	12/11[672 0542 2026 1581 3965 9742 3613 7499 5653 4420 4080]1033z YL, AM, QSA4, QSB2	MG	SAT
1044z	12/11[126 46 128 2561 4901 <u>9421</u> 9659 4112 2021 3029 0859 6253 <u>9421</u>]1048z YL, 12 rptd, Mx3, EOM, WinXP logoff sound, AM, QSA4, QSB2	MG	SAT
6140kHz 0758z	13/11[364 8]0802z YL, AM, QSB2, QSA4	MG	SUN
0814z	13/11[014 2955 <u>8260</u> 1882 1474 3692 4214 3202 4130 5863 2298 7852 8222 <u>8260</u> 0241]0818z* YL, EOM only, AM	MG	SUN
0829z	13/11 UNID song QRT 0830z, AM	MG	SUN
0844z	13/11[169 1147 6241 2994 3121 7134 0255 6116]0847z YL, pause, EOM	MG	SUN
0922z	13/11 WinXP sounds ("dings") till 0925z	MG	SUN
0930z	13/11[353 2 333 4080 0240 2423 4619 4790 0501 2353 0240]0935z YL 3 rptd Mx3, EOM	MG	SUN
0945z	13/11[350 3 111 <u>0120</u> 8111 5454 6778 9104 1547 6490 0362 8504 <u>0120</u>]0950z IO, YL	MG	SUN
1000z	13/11[570 2939 1077 1357 3913 5789 7715 6178 0405 5354 2708 4471 575 63]1005z YL, 57 rptd, Mx3, EOM only	MG	SUN
1030z	13/11[675 85 86]1035z YL, Mx3, Rx3, EOM	MG	SUN
1045z	13/11[126 46 128 (as of 12/11)]1051z YL, 12 rptd, Mx3, EOM only	MG	SUN
6140kHz 0816z	14/11[185 3459 4180 1561 5476 9186 5623 2129 0999 5518 7220 8939]0820z YL, no spaces, EOM only, carrier, WinXP sound, AM QSA4, QSB1	MG	MON
0829z	14/11[701 5411 <u>9260</u> 8121 5674 6137 5597 3147 1402 0419 5535 7550 <u>9260</u> 140]0837z YL, EOM, UNID song, carrier, WinXP sound, AM, QSA4, QSB2	MG	MON
0843z	14/11[169 (as of 13/11)]0846z YL, EOM, carrier, AM, QSA4, QSB2	MG	MON
0930z	14/11[353 2 333 (as of 13/11)]0934z YL, 33 rptd, Mx3, Weak	MG	MON
0945z	14/11[355 18]0950z IO, YL, WinXP sounds, Rx3, EOM	MG	MON
1000z	14/11[575 64]1004z YL, Mx3, Rx3, EOM	MG	MON
1116z	14/11[880 0640 6161 5997 8586 9553 3130 9426 1393 5884 1037 6847 7635 6755 4470 6967 <u>0640</u>]1121z YL, EOM only	MG	MON
	15/11 Not monitored 0800z – 0830z due to power failure. Carrier, WinXP sounds, an instance of "1"		
6140kHz 0844z	15/11[162 79]0848z YL, Mx3, Rx3, EOM, carrier, AM, QSA3, QSB3	MG	TUE
0845z	15/11 (cannot copy) 0850z YL, Very Weak	Fanis	TUE
1044z	15/11 WinXP startup sound	MG	TUE
1115z	15/11[887 8]1118z YL, WinXP sounds, Mx3, Rx3, EOM	MG	TUE
1115z	15/11 YL 1117z Weak QSB	Fanis	TUE
9450kHz 1259z	15/11 carrier for 1 min	MG	TUE
1322z	15/11[788 4 5 6 8 9 12 13 785 14]1330z carrier with buzz/breaks at 1320z, YL	MG	TUE
6140kHz 0813z	16/11[187 5]0816z WinXP sounds, YL, EOT only, WinXP sounds, "9...95"	MG	WED
0828z	16/11[701 4811 <u>5310</u> 9180 8541 1295 0392 3475 <u>5310</u> 703 20]0832z YL, 70 rptd, Mx3	MG	WED
0913z	16/11[955 15]0916z YL, Mx3, Rx3, EOM	MG	WED
0929z	16/11[135 59]0932z YL, Mx3, Rx3, EOM, AM, QSA2, QSB3	MG	WED
6140kHz 0844z	17/11[701 (as of 16/11) 703 20]0848z YL, 70 rptd, Mx3, EOM	MG	THU
9450kHz 1318z	17/11[788 4 5 6 8 9 12 13 780]1322z Breaks, buzzes, YL, partial TX	MG	THU
1326z	17/11[780 7154 3090 4730 3623 6352 7877 5246 5876 <u>4730</u> 788 (as of 16/11)]1332z WinXP startup sound, clicks, YL, 78 rptd, Mx3, EO, slight BC QRM	MG	THU
	18/11 Not monitored during 0800z – 1000z		
9450kHz 1318z	18/11[780 788 (both as of 17/11)]1325z YL, 78 rptd, Mx3, EOM	MG	FRI
1318z	18/11 Strong Chinese BC QRM YL ended 1323z	Fanis	FRI
6140kHz 0859z	19/11[111 6547 <u>5150</u> 6101 8310 3863 6067 3236 6319 9398 <u>5150</u>]0903z YL, EOM	MG	SAT
1045z	19/11[128 6467 4901 <u>7340</u> 7519 3761 8138 8813 3040 8833 <u>7340</u>]1049z YL, pause, Win sounds, EOM	MG	SAT
6140kHz 1044z	20/11[128 (as of 19/11)]1048z YL, WinXP sounds, EOM	MG	SUN
6140kHz 0815z	21/11[(014) ... 17 2914 8836 1780 <u>6320</u> 1251]0823z YL i.p.	MG	MON
6140kHz 0814z	22/11[014 016 5855 <u>6320</u> 7022 3569 5705 0622 8242 0612 6768 7817 2914 8836 1780 <u>6320</u> 1251] 0820z carrier off-freq at 0813z, YL, 016 rptd, AM, QSA4, QSB4	MG	TUE
1044z	22/11[126 47]1048z YL, Mx3, EOM Windows "ding" EOT	MG	TUE
1044z	22/11 signal improved +10dB at 1045z – not propagation	Fanis	TUE
6140kHz 0815z	23/11[014 018 1055 <u>2520</u> 7022 7875 8833 9950 0458 <u>2520</u> 2290]0820z YL, 018 rptd, Mx3, Windows sounds, AM, QSA4, QSB3	MG	WED
0928z	23/11[135 60]0932z YL, Mx3, Rx3, EOM only	MG	WED
6140kHz 0814z	24/11[014 018 (as of 23/11)]0818z YL, EOM, AM, digi QRM1	MG	THU
0859z	24/11[111 <u>4211</u> <u>0320</u> 5101 5105 6180 4330 3287 7526 4937 <u>0320</u>]0903z YL, EOM, AM, digi QRM1	MG	THU
1000z	24/11[575 65]1003z YL, Mx3, AM	MG	THU

6140kHz 0917z	27/11 Random numbers sounds and words in progress, ended after 10min	MG	SUN
6140kHz 0915z	28/11[955 1]0918z YL “9 M 9 R 5 1 EOM” then “955 1”, WinXP sounds, Mx3, Rx3	MG	MON
6140kHz 0800z	29/11[017 90]0802z digi QRM1, YL, AM, QSA4, QSB2	MG	TUE
0830z	29/11[702 21]0833z YL, digi QRM1, AM, QSA4, QSB2	MG	TUE
0930z	29/11[135 61 62]0935z tone 0926z, YL, 135 61 EOT, AM, QSA4 QSB2	MG	TUE
December 2011			
6140kHz 0932z	01/12[135 (as of 29/11)]0937z YL, Mx3, AM, QSA4, QSB3	MG	THU
6140kHz 0801z	03/12[360 6580 6010 1514 3896 1189 9242 6010 1007]0803z YL, EOM, AM, QSA4, QSB2	MG	SAT
0930z	03/12[333 4001 7030 4348 4835 7097 3619 4390 4613 1035 7030]0934z tone, YL, EOM	MG	SAT
1032z	03/12[672 1527 2032 4752 1569 2499 9206 3255 5776]1035z YL, EOM	MG	SAT
1046z	03/12[128 4568 5990 2360 9568 3380 1809 0430 7141 2360]1050z YL, EOM	MG	SAT
	04/12 Not monitored		
6140kHz 0930z	05/12[133 9018 7018 1400 0765 0732 9133 5497]0932z tone 0928z, buzzes, YL, Mx1, 9018 then call, pauses, AM, QSA4, QSB3	MG	MON
1029z	05/12[675 87]1032z tone 1026z, break, tone, YL, EOT, carrier QRT 1049z, AM, QSA4, QSB2	MG	MON
6140kHz 0801z	06/12[360 7590 1510 6060 3137 7735 4027 3558 1510 1007]0805z tone, OM live, Mx3, pause, Mx3, tone, USB, QSA3	MG	TUE
0816z	06/12[185 6493 4120 1089 9853 8075 4954 9141 8489 187 6]0820z tone, OM live, tone, USB, QSA3	MG	TUE
0929z	06/12[133 (as of 05/12) 135 64]0933z tone 0927z, YL, AM, QSA4, QSB3, QRN1	MG	TUE
1044z	06/12[128 1066 6990 6130 7768 6597 3854 7772 5558 6130]1047z tone, YL, AM, QSA4, QSB2, QRN1	MG	TUE
6140kHz 0800z	07/12[360 5 first grps of 06/12]0803z tone 0756z, YL, ring sounds (Windows?) AM, QSA4, QSB2	MG	WED
0816z	07/12[187 7]0818z carrier 0807z, tone, YL, Mx3 etc, carrier QRT 0829z, AM, QSA4, QSB2	MG	WED
0931z	07/12[135 65 66]0936z tone, YL, Mx3, Rx3, EOT	MG	WED
0931z	07/12 VERY WEAK QSB2 QRM2 YL	Fanis	WED
1045z	07/12[128 (as of 06/12)]1049z tone, YL, irregular, audio problems, pause, Rx3	MG	WED
6140kHz 0802z	08/12[364 9]0807z tone, YL, irregular, “Message”, AM	MG	THU
0815z	08/12[126 48]0816z YL, nearly incomprehensible, AM	MG	THU
6140kHz 0800z	12/12[117 7]0805z tone, YL, 0802z voice slows down, carrier QRT 0830z, AM	MG	MON
0831z	12/12[701 5611 1430 0201 3579 7977 9425 1253 7669 3650 1430 140]0843z tone, YL, slows down, 0833z brief tone, YL speeds up 701 slows down, 0838z EOM, brief tone, 140 rptd, music, carrier QRT 0844z, AM	MG	MON
0845z	12/12[169 2140 1540 1056 1721 1721 7560 3997 6991 2217 3402 0474 1634]0852z tone, YL, slows down, carrier QRT 0856z, AM	MG	MON
1000z	12/12[570 4630 1038 9584 6441 0592 2270 2724 5306]1004z carrier 0948z, tone, YL fast, AM	MG	MON
1046z	12/12[880 1810 7111 1099 6196 8979 1069 0704 0618 8111 7852 1810]1050z tone, YL, EOM	MG	MON
9450kHz 1245z	12/12[555 2]21 2021 0110 6422 7056 5601 3046 6436 7646 1768 2820 0110]1252z carrier 1230z, WinXP startup sound at 1235z, tone, ALM, YL, EOM only	MG	MON
6140kHz 0830z	13/12[702 22]0834z tone, YL, AM, carrier	MG	TUE
0845z	13/12[162 81]0847z tone, YL, AM, carrier	MG	TUE
0930z	13/12[135 67 333 6080 1620 9824 8561 1036 0676 1035 1620]0935z tone, YL, 13 rptd, Mx3, AM	MG	TUE
0959z	13/12[575 66]1003z tone, YL, Mx3, Rx3, EOM	MG	TUE
1115z	13/12[887 9]1118z tone, YL, Mx3, Rx3, EOM	MG	TUE
9450kHz 1229z	13/12[557 2]1235z carrier i.p. 1200z, tone, ALM, YL, Mx2	MG	TUE
1317z	13/12[785 1]1320z carrier 1310z, tone, YL, Mx3, carrier	MG	TUE
1346z	13/12[227 1]1354z tone, ALM, YL, Mx3, Rx3, EOM, carrier	MG	TUE
6140kHz 0758z	14/12[116 1280 1035 3160 4772 8494 8059 6776 0965]0802z tone, YL, AM, carrier	MG	WED
0830z	14/12 YL, “9...9...9”, music, stops 0836z, carrier QRT 0838z	MG	WED
0946z	14/12[350 4]21 0401 1051 3598 5004 9363 2982 1692 7232 8011 5021 7285 1633 7367 0401]0954z tone, IO, YL “33”, EOM	MG	WED
6140kHz 0800z	15/12[116 (as of 14/12)]0804z WinXP sounds, tone, YL, EOM, AM	MG	THU
0837z	15/12 Song: Abdel Halim Hafez - Ahwak (I love you) AM, QRT 0842z	MG	THU
9450kHz 1305z	15/12 WinXP sounds, OM prayer, WinXP Spider Solitaire sounds, carrier	MG	THU
1317z	15/12 tone, YL, numbers 0-9, ALM, 1323z tone, numbers 0-6, WinXP sounds, carrier	MG	THU
1327z	15/12[785 2]1330z tone, YL, Mx3, Rx3, carrier, WinXP Spider Solitaire sounds, QRT 1335z	MG	THU
6140kHz 1045z	17/12[126 49]1050z tone, YL	MG	SAT
1100z	17/12 carrier i.p., QRT 1103z	MG	SAT
6140kHz 0800z	18/12[116 2280 9433 5520 7478 1201 5608 9405 3128]0804z tone, YL, EOM, QRT 0806z	MG	SUN
0917z	18/12[950 2001 8]21 5210 3919 9177 9251 2180 5872 2533 5210]0921z YL, EOM, QRT 0931z	MG	SUN
9450kHz 1301z	18/12[275 1051 280x14]1306z carrier up 1248z, tone, YL, EOM, QRT 1334z	MG	SUN
6140kHz 0930z	20/12[135 68]0933z carrier 0924z, tone, YL, Mx3, AM, QSA4, QSB3	MG	TUE
1044z	20/12[128 6765 7921 3930 8785 7711 8194 4474 4021 0385 2075 8861 3930]1049z carrier 1040z, tone, YL, EOM, QRT 1051z, AM	MG	TUE

9450kHz 1315z	20/12[785 5 788 4]1318z tone, YL, 1317z 7 rptd, Mx3, R, 4, tone, starts again, EOM EOT, AM, QSA5, QSB1, digi QRM1	MG	TUE
6140kHz 1048z	21/12[128 (as of 20/12)]1051z YL, EOM	MG	WED
6140kHz 1046z	22/12[128 9861 8961 5750 4848 0653 0324 1720 7892 2525 3905 7226 7331 7254 2058 8852 5750 127]1052z tone, YL, EOM only	MG	THU
6140kHz 1045z	23/12[127 128 (as of 22/12)]1050z tone, YL	MG	FRI
6140kHz 0929z	24/12[333 7001 0120 5159 6912 8665 0803 7044 4386 4328 0120]0933z tone, YL, AM 0933z 24/12 3 Windows "dings", 0936z single Windows "ding", XMTR closes 0937z	MG	SAT
1030z	24/12[675 88]1032z tone, YL, EOM EOT	MG	SAT
1030z	24/12[675 88] very strong tone/carrier a few secs prior to TX, YL, EOM EOT 1032z	AIK	SAT
6140kHz 0900z	25/12[111 5221 3310 2041 6393 0561 4291 0549 9842 7963 5568 1642 8605 3736 3310]0905z tone, YL, AM, QSA2, QSB2	MG	SUN
6140kHz 0900z	26/12[200 1]0903z tone, YL, AM, QSA4, QSB2	MG	MON
6140kHz 0935z	27/12[333 8011 4930 9607 6631 4636 3268 0436 1560 6401 5733 4930]0939z YL, EOM	MG	TUE
1045z	27/12[128 2566 9990 2960 7768 2247 7177 3026 2974 2960]1050z tone, EOM, QSA4, QSB3	MG	TUE
6140kHz 1045z	28/12 I lost 2 transmissions: 0830z (Song) and 333 + E25a 28/12[128 (as of 27/12)]1050z tone, YL, EOM, WinXP "clicks" carrier afterwards	MG	WED
6140kHz 0839z	29/12 "Spider Solitaire" sounds, digi QRM due to E25 carrier, QRT 1020z	MG	THU
9450kHz 1215z	31/12[830 1]1222z carrier, tone, IO, YL, AM, QSA5, digi QRM2 in AM	MG	SAT
1315z	31/12[780 9793 1060 6110 5645 2817 6110 788 4 6]1318z tone, YL, 7 rptd, EOM, BC QRM2	MG	SAT
1320z	31/12[(as of 1315z)]1323z YL	MG	SAT

G06[1A]

PoSW's logs open G06 this issue:

Second + Fourth Thursdays 1830 UTC Schedule:-

10-Nov-11:- 4,519 kHz, a seasonal change of frequency from 5,934 kHz of September and October. Calling "271", DK/GC "237 237 15 15". Started approx. 50 seconds before the half-hour, interference from that strong carrier frequency swept at about a one second rate which lives in this part of the band and whose reason for existing can only be guessed at!

24-Nov-11:- 4,519 kHz, "271" and "237 237 15 15", early start and swept carrier interference, all as on the 10th.

8-Dec-11:- 4,519 kHz, call "271", DK/GC "228 228 15 15". Good signal with the swept carrier in attendance.

22-Dec-11:- 4,519 kHz, must have started early or the call-up was much shorter than the usual four minutes, tuned in just after the half hour to hear the DK/GC "228 228 15 15", weak signal with the usual sweeper, ended after 1833z.

Friday 1930 UTC Schedule:-

11-Nov-11:- 4,792 kHz, call "436", DK/GC "155 155 15 15". Good signal on a clear frequency. As with yesterday's 1830z sending, started well before the half-hour.

9-Dec-11:- 4,792 kHz, started almost two minutes before the half-hour, call "436", DK/GC "696 696 15 15".

23-Dec-11:- 4,792 kHz, started pretty much on the half-hour, most unusual for this schedule!
"436" and "696 696 15 15", as on 9-December.

First + Second Mondays in the Month 1700 + 1800 UTC Schedule:-

7-Nov-11:- 1800 UTC, 4,587 kHz, "439 439 439 00000". Good signal, second sending. Following the "fall back" of the clocks with the end of summertime this schedule now runs at 5pm and 6pm in this here United Kingdom of Great Britain and Northern Ireland, and I am not likely to be back home at 5 pm to hear the first sending! Started early, was in progress when tuned in approx. 20 seconds before the hour and stopped after 1803z.

14-Nov-11:- 1800 UTC, 4,587 kHz, "439 439 439 00000", again an early start, was up and running when tuned in after 1759z, stopped after 1603.

5-Dec-11:- 1800 UTC, 4,587 kHz, "439 439 439 00000". Was in progress when tuned in half a minute before the hour.

And onto others' logs:

November 2011:

4519kHz1830z	10/11[271 237 15 24156 ... 89456 237 15 00000] Strong signal, moderate noise, local interference 271 237 15 24156 24567 15678 27156 65478 97145 13656 87935 76890 61345 52678 98754 34167 43267 89456 237 15 00000 Courtesy FR	FR	THU
1830z	24/11[271 237 15 24156 ... 89456 237 15 00000] Very strong signal, weak noise, local interference	FR	THU

4792kHz1930z 11/11[436 255 15 53879 ... 25167 155 15 00000] QRM HJH, Spectre FRI
436 255 15
53879 77389 46739 25463 25378
35268 36789 24758 36125 74893
52718 4624 36278 46727 25167.
155 15 000000 Courtesy HJH & Spectre

December2011:

3854kHz1700z 1700z	05/12[439 439 439 00000 followed by 43123456789] 12/12[439 00000] Strong, QRM		AIK, elm M8	MON MON
4519kHz1830z	22/12[261 228 15 67845 ... 43567 228 15 00000(s)]1834z Fair, XWPQRM3	(3m34s)	PLdn	FRI
4587kHz1800z	12/12[439 00000] 1804z		M8	MON
4792kHz 1930z 1930z	09/12[436 696 15]Fair, QRM2 QSB3 23/12[436 696 15 56378 ... 37897 696 15 00000(s)] 1937z Fair, LocalQRM2	(7m22s)	GD, PLdn HJH,PLdn	FRI FRI

G11(III) log Nov/Dec:

4441kHz	2000z	06/11 [262/00] Strong	RNGB	SUN
	2000z	11/11 [266/38 36442 97119 15777 06778 12875.....02681] Good	RNGB	FRI
	2000z	13/11 [266/38 36442 etc] repeat of Friday	RNGB	SUN
	2000z	18/11 [262/00]	Gary	FRI
	2000z	20/11 [262/00] Very strong signal, weak noise, Link-11 beeping	Fox	SUN
	2000z	25/11 [262/00]	RNGB	FRI
	2000z	27/11 [262/00] Very strong signal, weak noise	Fox	SUN
	2000z	09/12 [262/00] Ende 2003z	Malc	FRI
	2000z	11/12 [262/00]	RNGB	SUN
	2000z	16/12 [262/00]	Fritz	FRI
	2000z	23/12 [262/00] Good	RNGB	FRI
	2000z	30/12 [262/00] Good	RNGB	FRI
6433kHz	1755z	01/11 [270/00]	RNGB	TUE
	1325z	11/11 [296/37 51701 30709 91327 98620 63485.....22232]	Fox	FRI
	1325z	19/11 [299/00]	RNGB, Fanis	SAT
	1755z	22/11 [270/00]	RNGB	TUE
	1325z	25/11 [299/00] Fair, Ende 1328	Douglas	FRI
	1755z	27/11 [270/00]	RNGB	SUN
	1755z	29/11 [270/00] Fair, Ende 1758z	Douglas	TUE
	1755z	06/12 [278/31 03949 57261 26827 46970 32495.....41569]	RNGB	TUE
	1755z	10/12 [299/00]	RNGB	SAT
	1325z	16/12 [299/00] Very Strong, Ende 1328z	Douglas	FRI
	1755z	18/12 [270/00]	RNGB	SUN
	1755z	20/12 [270/00]	RNGB	TUE
	1325z	24/12 [299/00] Fair, Ende 1328z	Douglas	SAT
	1755z	27/12 [270/00] Strong	RNGB	TUE
6480kHz	0940z	10/11 [275/00]	RNGB	THU
	0940z	14/11 [275/00] Good	RNGB, Fritz	MON
	0940z	17/11 [275/00]	RNGB	THU
	0940z	21/11 [271/37 63287 62113 46606 22837 62577.....07573] Good	RNGB	MON
	0940z	24/11 [271/37 63287 etc] repeat of Monday	RNGB	THU
	0940z	28/11 [275/00]	RNGB	MON
	0940z	01/12 [275/00]	RNGB	THU
	0940z	05/12 [275/00] S9+10 low noise, Ende 0943z	Malc	MON
	0940z	08/12 [275/00]	RNGB	THU
	0940z	12/12 [276/33 47784 21812 87158 19010 19148.....73626] Ende 0950z	RNGB	MON
	0940z	15/12 [276/33 47784 etc] Strong, repeat of Monday	RNGB	THU
	0941z	19/12 [275/00] Late start!	RNGB	MON
	0942z	26/12 [275/00] 2 mins late	RNGB	MON
	0940z	29/12 [275/00]	RNGB	THU

S06

We start with RNGB's S06 November log:

Saturday	5th	16.00	7728	'134' 00000
		19.35	3842	'366' 00000
		20.00	3867	'837' 00000
		21.00	3237	'837' 00000
Weds	9th	18.00	3534	'471' 00000
		18.20	4528	'632' 00000
Thursday	10th	19.00	3192	'349' 00000
Saturday	12th	16.05	6788	'134' 00000
Monday	14th	09.31	18654	'843' 610 72 82290 28628 52722 80584 29587.....23152
		19.05	3838	'349' 00000
Weds	16th	18.20	4528	'632' 00000
Saturday	19th	16.00	7728	'134' 00000
		20.00	3870	'837' 00000
		21.00	3237	'837' 00000
		21.30	4024	'703' 00000

Monday	21st	09.30	18654	'843' 275 69 07599 86085 ? (very weak)
Saturday	26th	16.05	6788	'134' 00000
Monday	28th	22.15	5315	'219' 00000
Weds	30th	18.05	3160	'471' 00000

S06s November

Still a few IDs taking time off from normal message sending.

ID 352 using 9345/10182/10620/11165/11825/12245

ID 745 using 7440/9390/9950/11550/12145/13380

ID 328 using 9635/10576/11440/11875/12165/12647

E17z ID 674 using 8658/9248/10607/11427/12543

from 25th Oct to 15th Nov

from 23rd Nov to 14th Dec

from 26th Oct to 16th Nov

from 17th Nov to 8th Dec

S06s November log:

Monday				
7th/14th/21st		0900/10/20/30/40/50	10215/10890/11493/12560/13485/14060	'872' 00000
7th/14th		1300/1310	8420/10635	'831' 470 5 67546 32143 78645 80956 78781
21st/28th				'831' 950 6 67534 78563 12316 79845 09078 34218
7th/14th		1600/1610	7436/6668	'176' 283 5 97845 23165 89674 45437 32543
21st/28th				'176' 942 5 78645 80956 45312 56435 87871
Tuesday				
1st/8th		0700/0715	5250/6320	'374' 926 5 43794?
15th/22nd				'374' 905 6 34484 47613 12105 53465 26929 02405
1st/8th/15th		0800/10/20/30/40/50	9345/10182/10620/11165/11825/12245	'352' 00000
22nd		0800/0810	10265/9135	'352' 801 6 77453 90775 34221 66441 90003 56423
29th				'352' 00000
1st/8th		1000/1010	6440/5660	'893' 452 6 74572 82505 21027 67814 75645 48282
15th/22nd				'893' 502 6 67432 89674 56432 72118 07854 66470
1st/8th		1230/1240	5810/6770	'278' 946 5 56485 95177 57535 51541 25647
15th/22nd				'278' 510 6 78563 33320 99512 77990 56533 45438
1st/8th		1500/1510	5070/6337	'537' 908 6 85479 57678 24199 53755 55139 15972
15th/22nd				'537' 204 6 52655 52124 63386 04414 06024 65543
Wednesday				
2nd/9th		0530/0540	9435/11075	'153' 908 6 58645 28494 44460 50181 65914 63455
16th/23rd				'153' 962 7 24966 85549 39883 17323 25177 45400 59805
2nd/9th		0820/0830	6880/7840	'471' 936 5 47164 80834 22436 25379 24100
16th/23rd				'471' 250 6 36807 97114 34356 35765 80352 53542
2nd/9th		0830/0840	7335/11830	'745' 920 6 80497 29332 48045 12807 56745 24430
16th				'745' 931 6 23145 54513 95098 28064 37557 45822
23rd/30th		0830/40/50/00/10/20	7440/9390/9950/11550/12145/13380	'745' 00000
2nd/9th/16th		0840/50/00/10/20/30	9635/10576/11440/11875/12165/12647	'328' 00000
23rd		0840/0850	9260/11415	'328' 507 6 76294 36536 55994 54595 29665 45518
2nd/9th		1000/1010	12365/14280	'729' 845 6 15705 74651 90855 64244 31258 83515
16th/23rd				'729' 501 6 56088 26274 64288 07482 10647 97664
2nd/9th		1200/1210	7030/6305	'481' 253 6 59440 91594 15858 23.52 46897 47465?
16th/23rd				'481' 970 5 19689 58355 06933 94449 86643
2nd/9th		1230/1240	4580/6420	'967' Too weak to copy
16th/23rd				
2nd/9th		1900/1910	8530/7520	'371' 450 6 54146 66941 40521 88695 78126 65251
16th/23rd				'371' 845 6 52861 77324 55196 96016 50449 89741
Thursday				
3rd/10th	E17z	0800/0810	11170/9820	'674' 931 5 74167 85202 85141 64526 83957
17th/24th	E17z	0800/10/20/30/40/50	8658/9248/10607/11427/12543	'674' 00000
3rd/10th		0900/0910	12952/13565	'167' 298 5 89675 34216 76453 89674 90734
17th/24th				'167' 945 8 46062 68672 97478 39685 30485 96632 52537
			53317	
3rd/10th		1200/1210	12155/10920	'425' 901 6 83166 59847 51410 35753 02958 15124
17th/24th				'425' 903 6 21767 53672 11834 81022 36903 41412
3rd/10th		1230/1240	7865/5310	'314'
17th/24th				'314' 902 5 05899.....
3rd/10th		1400/1410	5320/4845	'624' 931 5 77564 89754 55622 12108 54441
17th/24th				'624' 810 5 26634.....
Friday				
4th/11th		0600/0610	5460/7070	'934' 501 6 87699 54361 45325 98944 65476 12321
18th/25th				'934' 850 6 47665 94092 48521 63888 92069 11749
4th/11th		0700/0710	7150/8215	'196' 408 5 33216 89645 34341 89674 08931
18th/25th				'196' 843 5 52401 63919 92699 14600 74248
4th/11th		0930/0940	11780/12570	'516' 482 7 77559 04451 60510 44165 46423 13354 01484
18th/25th				'516' 280 7 98605 85254 17294 14674 65321 76412 52565
Saturday				
5th		1200/1210	8680/8260	'254' 903 6 71143 55384 65416 85432 93040 73775

Repeated messages:

Weds	09/11/2011	19.00	8530	371 450 6 54146 66941 40521 88695 78126 65251
Thursday	18/08/2011	08.00	16780	E17z 674 918 5 54146 66941 40521 88695 78126
Thurs	01/04/2010	08.00	14260	E17z 674 208 5 54146 66941 40521 38695 78126
Thursday	04/03/2010	09.10	12310	167 809 5 54146 66941 40521 88695 78126

Tuesday	21/12/2010	08.10	10265	352 489 6 54146 66941 40521 88695 78126 65351
Tuesday	12/07/2011	12.30	7650	278 459 6 54146 66941 40521 88695 78126 65351
Friday	16/09/2011	06.00	6340	934 285 6 54146 66941 40521 88695 78126 95679
Tuesday	03/08/2010	08.00	14373	352 840 6 54156 66941 40521 88695 78126 65351
Thursday	17/11/2011	09.00	12952 53317	167 945 8 46062 68672 97478 39685 30485 96632 52537
Weds	16/06/2010	19.00	10170	371 829 5 46062 68672 97478 39685 30485
Saturday	27/03/2010	10.10	7340	893 407 5 46062 68672 97478 39685 30485
Tuesday	13/12/2011	07.00	5250 53317	371 265 8 46062 68672 97478 39685 30485 96632 52537
Thursday	17/11/2011	12.00	12155	425 903 6 21767 53672 11834 81022 36903 41412
Thursday	01/04/2010	09.00	12952	167 492 5 21676 53672 11834 81022 36903
Tuesday	16/02/2010	08.00	10265	352 970 6 21767 35672 11834 81022 36903 41412
Thursday	01/04/2010	12.10	13065	425 973 6 21767 35672 11834 81022 36903 41412
Friday	25/11/2011	07.00	7150	196 843 5 52401 63919 92699 14600 74248
Tuesday	21/12/2010	12.30	5810	278 409 5 52401 63919 92699 14600 74248
Weds	22/06/2011	07.30	7335	745 892 6 52401 63919 92699 14600 74248 48754

Onto December:

S06 December log:

Thursday	1st	19.05	3838	‘349’ 00000
Tuesday	6th	17.59	3645	‘617’ 00000
Weds	7th	18.25	4032	‘632’ 00000
Thursday	8th	19.00	3192	‘349’ 00000
Saturday	10th	19.35	3842	‘366’ 00000
Monday	12th	19.00	3192	‘349’ 00000
		21.15	6870	‘852’ 00000
		22.15	4630	‘852’ 00000
Tuesday	13th	18.00	3645	‘617’ 00000
Weds	14th	18.00	3540	‘471’ 00000
		18.25	4032	‘632’ 00000
Thursday	15th	19.00	3192	‘349’ 00000
Saturday	17th	19.35	3842	‘366’ 00000
		20.00	3867	‘837’ 00000
		21.00	3237	‘837’ 00000
		21.30	4024	‘703’ 00000
Monday	19th	19.05	3838	‘349’ 00000
Saturday	24th	16.05	6788	‘134’ 00000
		19.30	3209	‘134’ 00000
Monday	26th	22.15	4630	‘852’ 00000
Weds	28th	18.05	3160	‘471’ 00000
		18.25	4032	‘632’ 00000
Thursday	29th	08.30	17435	‘842’ 795 38 49681 97755 68253 41290 83972.....90215
		09.30	14380	‘842’ 795 38 49681 97755 68253 41290 83972.....90215
		19.05	3838	‘349’ 000000

S06s December

ID 471 started sending nulls from the 21st using 6015/6505/7010/7525/8065/8365kHz

ID 934 started sending nulls from the 9th using 76780/7385/7715/8440/8813kHz

ID 674 E17z returned to message sending on the 15th

ID 872 has not been heard this month – Did it ever have a schedule ?

S06s December log:

Monday				
5th/12th	1300/1310	8420/10635		‘831’ 457 6 79528 71605 19276 61055 64286 40817
19th/26th				‘831’ 964 5 22044 55681 84310 28524 16157
5th/12th	1600/1610	7436/6668		‘176’ 234 5 89675 45312 78695 34331 09786
19th/26th				‘176’ 948 5 10480 25195 58405 83523 51074
Tuesday				
6th/13th	0700/0715	5250/6320 53317		‘374’ 265 8 46062 68672 97478 39685 30485 96632 52537
20th/21st				‘374’ 921 5 76464 56295 67753 52795 91533
6th/13th	0800/0810	10265/9135		‘352’ 416 7 35448 35786 91396 85450 05011 58752 25942
20th/21st				‘352’ 947 6 88445 48490 96555 52595 77715 92508
6th/13th	1000/1010	6440/5660		‘893’ 504 6 54906 78190 55834 55495 25544 14861
20th/21st				‘893’ 521 6 75748 40946 31466 73084 64502 59726
6th/13th	1230/1240	5810/6770		‘278’ 945 6 80927 07654 46789 17636 79415 14156
20th/21st				‘278’ 514 6 67470 91912 34539 58761 50510 28722
6th/13th	1500/1510	5070/6337		‘537’ 981 6 77914 53463 65464 45709 44176 81229
20th/21st				‘537’ 421 6 67852 35461 99018 87210 34290 60154
Wednesday				
7th/14th	0530/0540	9435/11075		‘153’ 496 7 25432 70474 14688 84141 66535 46056 -6144
21st/28th				‘153’ 476 8 19028 36745 67546 78912 33908 65748 92837
		56741		

7th/14th	0820/0830	6880/7840	‘471’ 508 6 84119 97449 27398 58685 44345 25866
21st/28th	0820/30/40/50/00/10	6015/6505/7010/ 7525/8065/8365	‘471’ 00000 ‘745’ 00000
7th/14th	0830/0840	7440/	‘745’ 213 6 67453 89674 12108 67453 22317 09781
21st/28th		7335/11830	‘328’ 504 6 28543 44145 19387 79258 76216 84022
7th/14th	0840/0850	9260/11415	‘328’ 951 6 76453 78675 90867 32154 66473 87875
21st/28th			‘729’ 503 6 24668 99399 95602 46154 15103 56626
7th/14th	1000/1010	12365/14280	‘729’ 531 6 65653 89756 31208 97956 34331 86761
21st/28th			‘481’ 509 6 88620 58069 61732 74537 57440 10597
7th/14th	1200/1210	7030/6305	‘481’ 960 5 56423 79745 12316 78563 87873
21st/28th	1230/1240	4580/6420	‘967’ 410 5 39534 17228 15636 47891 23247
7th/14th	1900/1910	8530/7520	‘371’ 520 6 11171 64385 82707 06123 225-6 78280
21st/28th			

Thursday

15th/22nd	E17z	0800/0810	11170/9820	‘674’ 983 5 73575 74501 45510 48743 53224
1st/8th		0900/0910	12952/13565	‘167’ 234 5 67545 32132 89078 77860 84531
15th/22nd				‘167’ 980 5 26814 20575 34706 24655 55174
1st/8th		1200/1210	12155/10920	‘425’ 879 6 75643 89764 09091 24365 78564 66042
15th/22nd				‘425’ 930 6 48554 18844 86169 35410 05785 59077
1st/8th		1230/1240	7865/5310	‘314’ 867 5 78564 89672 31296 08956 44533
15th/22nd				‘314’ 970 5 80745 15454 85833 51285 50841
1st/8th		1400/1410	5320/4845	‘624’ 879 5 56432 89674 56312 75634 09671
15th/22nd				‘624’ 971 5 30556 45782 68352 25847 92785

Friday

2nd		0600/0610	5460/7070	‘934’ 581 6 78653 90784 23186 45364 78562 99022
9th/16th/23rd		0600/10/20/30/40/50	?/6780/7385/7715/ 8440/8813	‘934’ 00000
2nd/9th		0700/0710	7150/8215	‘196’ 428 5 78656 45323 90867 65465 12314
16th/23rd				‘196’ 873 5 41426 70892 54906 48593 49483
2nd/9th		0930/0940	11780/12570 13223	‘516’ 270 8 74072 45156 75178 56798 76152 64255 80532
16th/23rd			32098	‘516’ 247 8 71625 34526 89018 67584 23009 67678 34512
Saturday		1200/1210	8680/8260	‘254’ 903 6 71143 55384 65416 85422 93040 73775

Group repeats December:

Tuesday	13/12/2011	07.00	5250	‘371’ 265 8 46062 68672 97478 39685 30485 96632 52537 53317
Weds	16/06/2010	19.00	10170	‘371’ 829 5 46062 67672 97478 39685 30485
Saturday	27/03/2010	10.10	7340	‘893’ 407 5 46062 68672 97478 39685 30485
Thursday	17/11/2011	09.00	12952	‘167’ 945 8 46062 68672 97478 39685 30485 96632 52537 53317
Weds	21/12/2011	08.30	7335	‘745’ 213 6 67453 89674 12108 67453 22317 09781
Weds	23/03/2011	10.00	13365	‘729’ 806 5 67453 89674 34215 56553 89660
Weds	07/12/2011	12.00	7030	‘481’ 509 6 88620 58069 61732 74537 57440 10597
Tuesday	06/07/2010	08.00	7245	‘418’ 967 5 88620 68069 61732 74537 57440
Thursday	15/12/2011 E17z	08.00	11170	‘674’ 983 5 73575 74501 45510 48743 53224
Weds	14/09/2011	19.00	9220	‘371’ 986 5 73574 74501 45510 48743 53224
Monday	12/09/2011	12.10	11460	‘831’ 465 7 73574 74501 45510 48743 53224 26813 20575
Thursday	15/12/2011	12.00	12155	425 930 6 48554 18844 86169 35410 05785 59077
Monday	12/09/2011	16.00	8040	176 204 5 48554 18844 86169 35410 05785
Thursday	15/12/2011	12.40	5310	314 970 5 80745 15454 85833 51285 50841
Tuesday	13/09/2011	06.00	14080	438 265 7 80745 15454 85833 51285 50841 17358 45175

PoSW's logs:

As expected, November saw a seasonal change of frequencies, everything moving lower for the winter. The usual collection of four minutes of “no message”.

Saturday 1600 or 1605 UTC Schedule:-

5-Nov-11:- 1600 UTC, 7,728 kHz, “134 134 134 00000”, good signal on a clear frequency. Heard at 1600z on 8,162 kHz or 1605z, 7,612 kHz for the past few months.

19-Nov-11:- 1600 UTC, 7,728 kHz, “134 134 134 00000”. S9 signal with QSB.

3-Dec-11:- 1605 UTC, 6,788 kHz, “134 134 134 00000”. Over-riding strong “XJT”. Heard on this frequency at five minutes past the hour in January and February of 2011.

17-Dec-11:- 1605 UTC, 6,788 kHz, “134 134 134 00000”, with “XJT”.

First + Third Saturdays in the Month 2030 + 2130 UTC Schedule:-

5-Nov-11:- 2030 UTC, 4,859 kHz, "703 703 703 00000". Heard on this frequency and time in January and February of this year.
2130 UTC, 4,024 kHz, second sending.

19-Nov-11:- 2030 UTC, 4,859 kHz, "703 703 703 00000", interference from a swept frequency carrier, a long-time resident of this part of the spectrum.
2130 UTC, 4,024 kHz, second sending, S9 signal, interference from a broadcast station on the HF side, not noted last time.

3-Dec-11:- 2030 UTC, 4,859 kHz, "703 703 703 00000", very weak signal, only just readable, swept carrier still in attendance.
2130 UTC, 4,024 kHz, second sending, much stronger than the first, S9.

17-Dec-11:- 2030 UTC, 4,859 kHz, third Saturday in December, "703 703 703 00000" with the swept carrier QRM. Carrier up on 4,859 at 2010z, tone after 2014z and single "703" in Russian after 2016z. Carrier stayed up continuously until start-up on the half-hour which is somewhat unusual
2130 UTC, 4,024 kHz, second sending of "703..." S9+, by far the strongest signal of the five frequencies used by S06 this evening.

Saturday 1930 or 1935 UTC Schedule:-

5-Nov-11:- 1935 UTC, 3,842 kHz, "366 366 366 00000". S5 to S6.

19-Nov-11:- 1935 UTC, 3,842 kHz, "366 366 366 00000", weak but clear.

3-Dec-11:- 1930 UTC, 3,209 kHz, alternative time and frequency, "366 366 366 00000". Went off around one minute into the transmission, came back on just before 1932z. Made up for lost time by carrying on until 1935 and 15 seconds UTC.

10-Dec-11:- 1935 UTC, 3,842 kHz, "366 366 366 00000".

17-Dec-11:- 1935 UTC, 3,842 kHz, "366 366 366 00000".

Monday + Thursday 1900 or 1905 UTC Schedule:-

7-Nov-11, Monday:- 1900 UTC, 3,192 kHz, "349 349 349 00000". Good signal over-riding "XJT" on the same frequency. 3,192 kHz at 1900z or 3,838 kHz at 1905 UTC used during last winter.

10-Nov-11, Thursday:- 1900 UTC, 3,192 kHz, "349 349 349 00000". Good signal.

14-Nov-11, Monday:- 1905 UTC, 3,838 kHz, alternative time and frequency, "349 349 349 00000". Strong signal on a clear frequency.

17-Nov-11, Thursday:- 1905 UTC, 3,838 kHz, "349 349 349 00000".

24-Nov-11, Thursday:- 1905 UTC, 3,838 kHz, "349 349 349 00000", S9.

28-Nov-11, Monday:- 1905 UTC, 3,838 kHz, "349 349 349 00000", weaker than usual, S4 to S5 at best.

1-Dec-11, Thursday:- 1905 UTC, 3,838 kHz, "349 349 349 00000".

5-Dec-11, Monday:- 1905 UTC, 3,838 kHz, "349 349 349 00000", S9 signal.

8-Dec-11, Thursday:- 1900 UTC, 3,192 kHz, "349 349 349 00000". Good signal over-riding "XJT".

15-Dec-11, Thursday:- 1900 UTC, 3,192 kHz, "349 349 349 00000". with "XJT" for company.

19-Dec-11, Monday:- 1905 UTC, 3,838 kHz, "349 349 349 00000", very weak signal.

22-Dec-11, Thursday:- 1905 UTC, 3,838 kHz, "349 349 349 00000", still surprisingly weak.

Wednesday 1800 or 1805 UTC Schedule:-

9-Nov-11:- 1800 UTC, 3,534 kHz, "471 471 471 00000".

16-Nov-11:- 1800 UTC, 3,540 kHz, "471 471 471 00000".

23-Nov-11:- 1805 UTC, 3,160 kHz, alternative time and frequency, "471 471 471 00000".

30-Nov-11:- 1805 UTC, 3,160 kHz, "471 471 471 00000", weak but clear signal.

7-Dec-11:- 1805 UTC, 3,153 kHz, a bit lower in frequency than usual, "471 471 471 00000". Weak signal.

Second + Fourth Mondays in the Month 2115 + 2215 Schedule:-

14-Nov-11:- 2115 UTC, 7,680 kHz, "219 219 219 00000". Stronger than usual signal for this schedule, peaking S8.
2215 UTC, 5,315 kHz, second sending, not found until about one minute into the transmission, on a lower frequency than I expected! This is the only S06 I monitor which shifts by one hour UTC with the end of summertime so still appears at 9.15 and 10.15 pm in the UK.

28-Nov-11:- 2215 UTC, 5,315 kHz, "219 219 219 00000", missed first sending one hour earlier.

12-Dec-11:- 2115 UTC, 6,870 kHz, "852 852 852 00000", S6 to S7. Unable to find a repeat at 2215z on a lower frequency.

26-Dec-11:- 2115 UTC, 6,870 kHz, "852 852 852 00000", S6 with deep QSB.
2215 UTC, 4,630 kHz, the second sending which eluded me last time. Not found until 2217z, weak signal.

Saturday 2000 and 2100 UTC Schedule:-

3-Dec-11:- 2000 UTC, 3,867 kHz, "837 837 837 00000", signal strength S6 to S7. I was not aware of this schedule until I saw it listed in the E2K newsletter on 3,867 for November, shown as first and third Saturdays in the month.

2100 UTC, 3,237 kHz, repeat sending of “837...”, no problem to find, peaking S9.
 17-Dec-11:- 2000 UTC, 3,867 kHz, “837 837 837 00000”, signal strength S5 to S7.
 2100 UTC, 3,237 kHz, second sending, much weaker than when heard on the 3rd.

Others' logs:

S06

November 2011:

3160kHz1805z	23/11[471 471 471 00000]	AB	TUE
3209kHz1930z	19/11[366 366 366 00000 366 366 366 00000...] OM, STRONG 00000 1939z	AIK	SAT
3838kHz1905z	14/11[349 00000] Strong	Hans, Fanis, FN	MON
4024kHz2130z	19/11[703 00000] Strong signal, moderate noise/interference	FR	SAT
4859kHz2030z	19/11[703 00000] Very strong signal, weak noise	FR	SAT
6788kHz1705z	26/11[134 00000] Very strong signal, weak noise	FR	SAT

December 2011:

3645kHz1800z	13/12[617 00000 STRONG 1804z	AIK	TUE
3838kHz1905z	05/12[349 349 349 00000 349 349 349 00000...] VERY STRONG QRM1 00000 1908z	AIK	MON
1905z	19/12 [349 349 349 00000]	FN	MON
1905z	26/12[349 00000] 1909z Fair QRN3 QSB3	Spectre	MON
1905z	29/12[349 00000]	HJH	THU
3845kHz1935z	17/12[366 366 366 0000 366 366 366 000...] STRONG 1939z	AIK	SAT
6788kHz1605z	03/12[134 134 134 00000 134 134 134 00000...] FAIR 00000 1608z	AIK, Spectre	SAT
1605z	17/12[134 134 134 00000 134 134 134 00000...] WEAK QRM3 1608z	AIK, Spectre	SAT

S06c No reports

S06e No reports

S06s

November 2011:

4580kHz1230z	16/11[967 ..] very weak signal	FN	WED
4845kHz1410z	10/11[624 ... 00000] 1415z Very Weak QRM2 YL	Fanis	THU
1410z	17/11[624 810 5 26634]	FN, Fanis	THU
5070kHz1500z	15/11[537 204 6 52655]	FN,Spectre	TUE
1500z	22/11[537 204 6 52655 52124 63386 04414 06024 65543 204 6 00000(s)] 1505z Weak QRN3 QSB3	Spectre	TUE
5250kHz0700z	22/11[374 905 6 34484]	FN	TUE
5310kHz1240z	10/11[314 ... 00000] 1245z Very Weak QRM2 YL	Fanis	THU
1240z	17/11[314 902 5 05899] weak signal	FN, Fanis	THU
5320kHz1400z	10/11[624 ... 00000] 1405z Very Weak QRM*** YL	Fanis	THU
1400z	17/11[624 810 5 26634]	FN, Fanis	THU
5460kHz0600z	11/11 [934 501 6 87699 54361 45325 98944 65476 12321 501 6 00000] Very strong signal, weak noise	FR	FRI
0600z	25/11[934 850 6 47665 94092 48521 63888 92069 11749 850 6 00000] Medium/strong signal, moderate noise	FR	THU
5810kHz1230z	01/11[278 946 5 64855 95177 57535 51541 25641 946 5 00000(s)] 1235z Weak QRN3 QSB3	Spectre	TUE
1230z	08/11[278 946 5 64855 95177 57535 51541 25641 946 5 00000(s)] 1235z Very Weak QRN3 QSB3	Spectre	TUE
1230z	15/11[278 510 6 78563 33320 99512 77990 56533 45438 510 6 00000(s)] 1235z Weak QRN3 QSB3	Spectre ,FN	TUE
1230z	22/11[278 510 6 78563 33320 99512 77990 56533 45438 510 6 00000(s)] 1235z Weak QRN3 QSB3	Spectre	TUE
1230z	29/11[278 00000(s)] 1234z Weak QRN3 QSB3	Spectre	TUE
6305kHz1210z	16/11[481 970 5 19689]	FN	WED
6320kHz0715z	22/11[374 905 6 34484]	FN	TUE
6337kHz1510z	15/11[537 204 6 52655]	FN, Spectre	TUE
1510z	22/11[537 204 6 52655 52124 63386 04414 06024 65543 204 6 00000(s)] 1515z Weak STANAGQRM3 QSB3	Spectre	TUE
6420kHz1240z	16/11[967 230 5 04641]	FN	WED
6668kHz1610z	07/11[176 283 5 97845 23165 89674 45437 32543 283 5 00000] Very strong signal, weak noise	FR	MON
1610z	14/11[176 283 5 97845 23165 89674 45437 32543 283 5 00000(s)] 1615z Good YL	Fanis, FN, Spectre	MON
1610z	21/11[176 942 5 78645 80956 45512 56435 87871 942 5 00000(s)] 1615z Fair QRN3 QSB3	Spectre	MON
1610z	28/11[176 942 5 78645 80956 45512 56435 87871 942 5 00000(s)] 1615z Weak QRN3 QSB3	Spectre	MON
6770kHz1240z	01/11[278 946 5 64855 95177 57535 51541 25641 946 5 00000(s)] 1245z Weak QRN3 QSB3	Spectre	TUE
1240z	08/11[278 946 5 64855 95177 57535 51541 25641 946 5 00000(s)] 1245z Very Weak QRN3 QSB3	Spectre	TUE

1240z	15/11[278 510 6 78563 33320 99512 77990 56533 45438 510 6 00000(s)] 1245z Weak QRN3 QSB3	FN, Spectre	TUE
1240z	22/11[278 510 6 78563 33320 99512 77990 56533 45438 510 6 00000(s)] 1245z Weak QRN3 QSB3	Spectre	TUE
1239z	29/11[278 00000(s)] 1243z Weak QRN3 QSB3	Spectre	TUE
6880kHz0820z	16/11[471 250 6 36807]	FN	WED
7030kHz1200z	16/11[481 970 5 19689]	FN	WED
7040kHz0610z	11/11[934 501 6 87699 54361 45325 98944 65476 12321 501 6 00000] Very strong signal, weak noise	FR	FRI
7070kHz0610z	25/11[934 850 6 47665 94092 48521 63888 92069 11749 850 6 00000] Medium signal strength, mod noise	FR	THU
7150kHz 0700z	11/11[196 408 5 33216 89645 34331 89674 08931 408 5 00000] Very strong signal, weak noise	FR	FRI
7335kHz0830z	02/11[745 920 6 80497 29332 48045 12806 56745 24430 920 6 00000(s)] 0835z Fair QRN2 QSB2	Spectre	WED
0830z	09/11[745 920 6 80497 29332 48045 12806 56745 24430 920 6 00000(s)] 0835z Fair QRN2 QSB2	Spectre	WED
7520kHz1910z	02/11[371 450 6 54146 66941 40521 88695 78126 65251 450 6 00000(s)] 1915z Fair BCQRM3 QSB3	Spectre	WED
1910z	09/11[371 450 6 54146 66941 40521 88695 78126 65251 450 6 00000(s)] 1915z Fair BCQRM3 QSB3	Spectre	WED
1910z	16/11[371 845 6 52861 77324 55196 96016 50449 89741 845 6 00000(s)] 1915z Weak BCQRM4 QSB3	Spectre, FN	WED
1910z	23/11[371 845 6 52861 77324 55196 96016 50449 89741 845 6 00000(s)] 1915z Fair BCQRM4 QSB3	Spectre	WED
7634kHz1600z	07/11[176 283 5 97845 23165 89674 45437 32543 283 5 00000] Strong signal, weak noise	FR	MON
1600z	14/11[176 283 5 97845 23165 89674 45437 32543 283 5 00000(s)] 1605z Weak BCQRM3 QSB3	Spectre, FR, FN	MON
7840kHz0830z	16/11[471 250 6 36807]	FN	WED
7865kHz1230z	10/11[314 ... 00000] 1235z Fair QRM2 YL	Fanis	THU
1230z	17/11[314 902 5 05899]	FN, Fanis	THU
8215kHz0710z	11/11[196 408 5 33216 89645 34331 89674 08931 408 5 00000] Very strong signal, weak/moderate noise	FR	FRI
8260kHz1210z	05/11[254 903 6 71143 55384 65416 85422 93040 73775 903 6 00000] Very strong, with QRM	FR	SAT
8420kHz1300z	07/11[831 470 5 67546 32143 78645 80956 78781 470 5 00000] Very strong signal, QRM SVO	FR	MON
1300z	14/11[831 470 5 67546 32143 78645 80956 78781 470 5 00000(s)] 1305z Weak QRN2 QSB3	FN, Spectre	MON
1300z	21/11[831 950 6 67534 78563 12316 79845 09078 34218 950 6 00000(s)] 1305z Fair QRN3 QSB2	Spectre	MON
1300z	28/11[831 950 6 67534 78563 12316 79845 09078 34218 950 6 00000(s)] 1305z Weak QRN3 QSB3	Spectre	MON
8530kHz1900z	02/11[371 450 6 54146 66941 40521 88695 78126 65251 450 6 00000(s)] 1905z Weak QRN2 QSB3	Spectre	WED
1900z	09/11[371 450 6 54146 66941 40521 88695 78126 65251 450 6 00000(s)] 1905z Weak QRN2 QSB3	Spectre	WED
1900z	16/11[371 845 6 52861 77324 55196 96016 50449 89741 845 6 00000(s)] 1905z Weak QRN3 QSB3	FN, Spectre	WED
1900z	23/11[371 845 6 52861 77324 55196 96016 50449 89741 845 6 00000(s)] 1905z Weak QRN4 QSB3	Spectre	WED
8680kHz1200z	05/11[254 903 6 71143 55384 65416 85422 93040 73775 903 6 00000]	Danix	SAT
9260kHz0843z	23/11[328 507 6 76294] late start	FN	WED
10635kHz1310z	07/11[831 470 5 67546 32143 78645 80956 78781 470 5 00000] Vvstrong signal, QRM/QSB	FR	MON
1310z	14/11[831 470 5 67546 32143 78645 80956 78781 470 5 00000(s)] 1315z Weak QRN3 QSB3	FN, Spectre	MON
1310z	21/11[831 950 6 67534 78563 12316 79845 09078 34218 950 6 00000(s)] 1315z Fair QRN2 QSB2	Spectre	MON
1310z	28/11[831 950 6 67534 78563 12316 79845 09078 34218 950 6 00000(s)] 1315z weak QRN3 QSB3	Spectre	MON
10920kHz1210z	17/11[425 903 6 21767 53672 11836 81022 36903 41412 903 6 00000(s)] 1215z Fair QRN3 QSB2	FN, Fanis	THU
1210z	24/11[425 903 6 21767 53672 11836 81022 36903 41412 903 6 00000(s)] 1215z Fair QRN3 QSB2	Spectre	THU
11415kHz0853z	23/11[328 507 6 76294] late start	FN	WED
11780kHz 0930z	11/11[516 482 7 77559 04451 60510 44165 46423 13354 01484 482 7 00000(s)] 0936z Fair QRN3 QSB3	Spectre	FRI
0930z	18/11[516 280 7 98605 85254 17294 14674 65321 76412 52565]	Gert	FRI
0930z	25/11[516 280 7 98605 85254 17294 14674 65321 76412 52565 280 7 00000] Very strong, QRM2/3	FR	FRI
11830kHz0840z	02/11[745 920 6 80497 29332 48045 12806 56745 24430 920 6 00000(s)] 0845z Fair QRN2 QSB2	Spectre	WED
0840z	09/11[745 920 6 80497 29332 48045 12806 56745 24430 920 6 00000(s)] 0845z Fair QRN2 QSB2	Spectre	WED
12145kHz 0910z	23/11[745 745 745 0 0 0 0 0]0914z QSA4/5 QSB2	JO	WED
12155kHz1200z	17/11[425 903 6 21767 53672 11836 81022 36903 41412 903 6 00000(s)] 1205z Fair QRN3 QSB2	FN, Spectre	THU
1200z	24/11[425 903 6 21767 53672 11836 81022 36903 41412 903 6 00000(s)] 1205z Fair QRN3 QSB2	Spectre	THU
12365kHz1000z	02/11[729 845 6 15705 74651 90855 64244 31258 83515 845 6 00000(s)] 1005z Fair QRN2 QSB2	Spectre	WED
1000z	09/11[729 845 6 15705 74651 90855 64244 31258 83515 845 6 00000(s)] 1005z Fair QRN2 QSB2	Spectre	WED
1000z	16/11[729 501 6 56088 26274 64288 07482 10647 97664 501 6 00000(s)] 1005z Fair QRN2 QSB2	Spectre	WED
1000z	23/11[729 501 6 56088 26274 64288 07482 10647 97664 501 6 00000(s)] 1005z Fair QRN2 QSB2	FN, Spectre	WED
1000z	30/11[729 00000(s)] 1004z Fair QRN2 QSB2 Spectre WED		
12570kHz0940z	11/11[516 482 7 77559 04451 60510 44165 46423 13354 01484 482 7 00000(s)] Fair STANAGQRM4 QSB3	Spectre	FRI
0940z	18/11[516 280 7 98605 85254 17294 14674 65321 76412 52565]	Gert	FRI
0940z	25/11[516 280 7 98605 85254 17294 14674 65321 76412 52565 280 7 00000] Very strong, QRM2/3	FR	FRI
12952kHz0900z	03/11[167 298 5 89675 34216 76453 89674 90734 298 5 00000(s)] 0905z Weak QRN2 QSB2	Spectre	THU
0900z	10/11[167 298 5 89675 34216 76453 89674 90734 298 5 00000(s)] 0905z Weak QRN3 QSB3	Spectre	THU
0900z	17/11[167 945 8 46062 68672 97478 39685 30485 96632 52537 53317 945 8 00000(s)] Fair QRN3 QSB3	FN, Spectre	THU

0900z	24/11[167 945 8 46062 68672 97478 39685 30485 96632 52537 53317 945 8 00000(s)] Fair QRN3 QSB2	Spectre	THU
13565kHz0910z	03/11[167 298 5 89675 34216 76453 89674 90734 298 5 00000(s)] 0915z Weak QRN3 QSB2	Spectre	THU
0910z	10/11[167 298 5 89675 34216 76453 89674 90734 298 5 00000(s)] 0915z Fair QRN3 QSB2	Spectre	THU
0910z	17/11[167 945 8 46062 68672 97478 39685 30485 96632 52537 53317 945 8 00000(s)] Fair QRN3 QSB3	FN, Spectre	THU
0910z	24/11[167 945 8 46062 68672 97478 39685 30485 96632 52537 53317 945 8 00000(s)] Fair QRN4 QSB2	Spectre	THU
14280kHz1010z	02/11[729 845 6 15705 74651 90855 64244 31258 83515 845 6 00000(s)] 1015z Fair QRN2 QSB2	Spectre	WED
1010z	09/11[729 845 6 15705 74651 90855 64244 31258 83515 845 6 00000(s)] 1015z Fair QRN2 QSB2	Spectre	WED
1010z	16/11[729 501 6 56088 26274 64288 07482 10647 97664 501 6 00000(s)] 1015z Fair QRN2 QSB2	Spectre	WED
1010z	23/11[729 501 6 56088 26274 64288 07482 10647 97664 501 6 00000(s)] 1015z Fair QRN2 QSB2	FN, Spectre	WED
1009z	30/11[729 00000(s)] 1013z Fair QRN2 QSB2	M8, Spectre	WED
December 2011:			
4845kHz1410z	15/12[NULL]	M8	THU
5070kHz1500z	13/12[537 981 6 77914 53463 65464 45709 44176 81229 982 6 00000] STRONG QRN2 1505z	AIK	TUE
1500z	20/11[537 421 6 67852 35461 99018 87210 34290 60154 421 6 00000]1505z	M8	TUE
1500z	27/12 [537 421 6 67852 35461 99018 87210 34290 60154 421 6 00000(s)] 1505z Weak QRN3 QSB3	Spectre, M8	TUE
5310kHz1240z	15/12[314,314,314,...970,970 55 00000]1245z S2 M8 THU		
5320kHz1400z	15/12[624.... weak]1405z S1	M8	THU
5660kHz 1007z	06/12[893 at 10:10 893...893.... weak]	M8	TUE
1010z	20/12[893 very weak]	M8	TUE
1010z	27/12[893 893...521 521 66 000000]1015z weak local QRM	M8	TUE
5810kHz1230z	06/12[782 945 6 80927 07654 46789 17636 79415 14156 945 6 00000(s)] 1235z Weak QRN3 QSB3	Spectre	TUE
1230z	27/12[782 514 6 67470 91912 34539 58761 50510 28722 514 6 00000(s)] 1235z Weak QRN3 QSB3	Spectre	TUE
6305kHz1210z	14/12[481] poor signal	AG, M8	WED
6337kHz1510z	13/12[537 981 6 77914 53463 65464 45709 44176 81229 982 6 00000] FAIR QRN3 1515z	AIK	TUE
1510z	20/12[537 421 6 67852 35461 99018 87210 34290 60154 421 6 00000]1515z	M8	TUE
1510z	27/12 [537 421 6 67852 35461 99018 87210 34290 60154 421 6 00000(s)] 1515z Weak QRN3 QSB3	Spectre, M8	TUE
6420kHz1240z	14/12 [967 967 967.....00000] 1245	M8	WED
6440kHz 1000z	06/12[893....893.... ends 10:05]	M8	TUE
6668kHz1610z	05/12[176 176 176...] VERY STRONG 00000 1615z	AIK, M8	MON
1610z	19/12[176 948 5 10480]	FN	MON
6770kHz1240z	06/12[782 945 6 80927 07654 46789 17636 79415 14156 945 6 00000(s)] 1245z Weak QRN3 QSB3	Spectre, M8	TUE
1240z	27/12[782 514 6 67470 91912 34539 58761 50510 28722 514 6 00000(s)] 1245z Weak QRN3 QSB3	Spectre	TUE
6880kHz0820z	07/12[471 508 6 84119 97447 27398 58685 44345 25866 508 6 00000(s)] 0825z Weak QRN3 QSB3	Spectre	WED
7030kHz1200z	07/12[481 509 6 88620 58069 61732 74537 57440 509 6 00000]	Elm	WED
1201z	14/12[481] good signal	AG, M8	WED
7436kHz1600z	05/12[176 176 176... MSG] FAIR QRM3 00000 1605z	AIK. M8	MON
1600z	19/12[176 948 5 10480]	FN	MON
7520kHz1910z	28/12[508 6 97679 41544 57437 64479 94392 81438 508 6 00000] Very strong, BCQRM	FR, Spectre	WED
7840kHz0830z	07/12[471 508 6 84119 97447 27398 58685 44345 25866 508 6 00000(s)] 0835z Weak QRN3 QSB3	Spectre	WED
0830z	14/12[Very weak]	M8	WED
7865kHz1230z	15/12[314970 55 00000]1235z S5	M8	THU
8260kHz1210z	03/12[254 903 6 71143 55384 65416 85422 93040 73775 903 6 00000] V strong signal, weak noise	FR	SAT
8420kHz1300z	05/12[831 831.....Traffic..... Ended 13:05 with 55 00000]	M8	MON
8530kHz 1900z	28/12[508 6 97679 41544 57437 64479 94392 81438 508 6 00000] Very strong, QRM	FR	WED
8680kHz1200z	03/12[254 903 6 71143 55384 65416 85422 93040 73775 903 6 00000] V strong signal, weak noise	FR	SAT
9135kHz0810z	20/12[352 352 352..947 6 88445 48490 96555 52595 77715 92508 947 6 000000]0815z	M8	TUE
9260kHz0840z	14/12[328 328 66 00000] 0845z	M8	WED
10265kHz0800z	20/12[352 947 6 88445 48490 96555 52595 77715 92508 9476 000000] 0805z	M8	TUE
10635kHz1310z	05/12[831,831.....Traffic..... Ended 13:15 with 55 00000]	M8	MON
10920kHz 1210z	01/12[425 879 6 75643 89764 09091 24365 78564 66042 879 6 00000(s)] 1215z Fair QRN2 QSB2	Spectre	THU
1210z	15/12[425...930 66 00000]1215z S9+20	M8	THU
1209z	29/12[425 425 425 00000....425 00000]1213z S9+20	M8	THU

11415kHz0850z	14/12[3287328 66 00000] 0855		M8	WED
11780kHz0918z	16/12 [51688 00000]0935		M8	FRI
12145kHz0910z	07/12[745 745 745 0 0 0 0 0] 0914z QSA5		JO	WED
12155kHz1200z	01/12[425 879 6 75643 89764 09091 24365 78564 66042 879 6 00000(s)] 1205z Fair QRN2 QSB2	Spectre	THU	
1200z	15/12[425...930 66 00000]1205z	M8	THU	
1200z	29/12[425 425 425 00000....425 00000]1203z S9+20	M8	THU	
12365kHz1000z	07/12[729 503 6 24668 99399 95602 46154 15103 56626 503 6 00000(s)] 1005z Fair QRN3 QSB2	Spectre, M8	WED	
1000z	14/12 [729 729 729.....66 00000] 1010	M8	WED	
12570kHz0944z	16/12[516 247 8 71625 34526 89018 67584 23009 67678 34512 32098 247 8 0 0 0 0 0] 0946z	Strong	JO	FRI
12952kHz0903z	08/12[167 234 5 67545 32132 89078 77860 84531 234 5 00000(s)] 0908z Fair QRN3 QSB2	Spectre	THU	
0900z	15/12[167 980 55 00000]0905z	M8	THU	
13565kHz0913z	08/12[167 234 5 67545 32132 89078 77860 84531 234 5 00000(s)] 0918z Fair QRN3 QSB3	Spectre	THU	
0910z	15/12[167980 55 00000]0915z	M8	THU	
0910z	29/12[167 167 167 00000....167 00000]0913z S7	M8	THU	
14280kHz1010z	07/12 [729 503 6 24668 99399 95602 46154 15103 56626 503 6 00000(s)] 1015z Fair QRN3 QSB2	Spectre, M8	WED	
1010z	14/12[729 729 729.....66 00000] 1015	M8	WED	

S11a[III]

S11a log Nov/Dec:

4441kHz 1355z	14/11 [254/00] Strong	Hans	MON
1355z	27/11 [254/00] Strong signal, strong noise	Fox	SUN
6433kHz 1020z	12/11 [221/00] Fair	RNGB	SAT
1020z	16/11 [221/00]	RNGB	WED
1020z	19/11 [221/00]	RNGB	SAT
1020z	03/12 [221/00]	Ary, Fox	SAT
1020z	07/12 [221/00]	RNGB	WED
1020z	10/12 [221/00] Konec 1023z	Malc	SAT
1020z	14/12 [221/00] Fair	RNGB	WED
1020z	17/12 [221/00] Strong	Danix	SAT
1020z	21/12 [221/00] Fair	RNGB	WED
1020z	24/12 [221/00] Fair	RNGB	SAT
1020z	31/12 [227/32 85955 53395 89703 83033 38603...]1030z QSA1 QSB2	Manolis	SAT
7504kHz0915z	11/11 [484/00] Very strong	Fox	FRI
0915z	18/11 [484/00]	Gert	FRI
0915z	18/11 [484/00]	RNGB	FRI
0915z	22/11 [484/31 65950 ... 61216] 0923z Weak QRN2 QSB2	Spectre	TUE
0915z	29/11 [484/00]	RNGB	TUE
0915z	02/12 [484/00]	RNGB	FRI
0915z	06/12 [484/00]	RNGB	TUE
0915z	09/12 [484/00]	RNGB	FRI
0915z	13/12 [484/00]	RNGB	TUE
0915z	16/12 [484/00] Konec 0918z	Malc	FRI
0915z	27/12 [486/33 83180 52143 94974 55393 53917...] QSB, faded to nothing	RNGB	TUE
0915z	30/12 [486/33 83180 etc] repeat of Tuesday	Malc	FRI
9610kHz1020z	11/11 [426/00] Very strong	Fox	FRI
1020z	15/11 [426/00]	RNGB	TUE
1020z	22/11 [426/00] 1023z Weak QRN3 QSB2	Spectre	TUE
1020z	29/11 [426/00] Ended at 1023z	Malc	TUE
1020z	02/12 [426/00] Good	RNGB	FRI
1020z	06/12 [426/00]	RNGB	TUE
1020z	09/12 [426/00] Ended at 1023z, S7	Malc	FRI
1020z	13/12 [425/30 86681 59405 01896 62994 89235.....37697] Fair, QRM	RNGB	TUE
1020z	20/12 [426/00]	RNGB	TUE
1020z	23/12 [426/00]	RNGB	FRI
1020z	27/12 [426/00] Good	RNGB	TUE
1020z	30/12 [426/00] Konec 0925z	Malc	FRI
12530kHz 1015z	03/11 [475/00]	RNGB	THU
1015z	10/11 [475/00]	RNGB	THU
1015z	14/11 [475/00] Good	RNGB	MON
1015z	21/11 [479/33 08835 23708 67592 23664 61346.....53261]	RNGB	MON
1015z	28/11 [475/00] Strong signal, very strong noise	Fox	MON
1015z	01/12 [475/00]	RNGB	THU
1015z	08/12 [470/34 59584 92529 24847 72889 91492.....01595]	RNGB	THU
1015z	12/12 [475/00]	RNGB	MON
1015z	15/12 [475/00] Konec 1018z, S9+10	Malc	THU
1015z	19/12 [475/00]	RNGB	MON
1015z	22/12 [475/00] Konec 1018z	Malc	THU
1015z	29/12 [475/00]	RNGB	THU

16112kHz 1540z	20/11 [228/00] Strong (Expected E11)	RNGB	SUN
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S21 [XIV]
November 2011:

3323kHz1842z	17/11[323 891 36 46422 ... 58166 891 36 000] 1853z Weak QRN3 QSB3	Spectre, AB	THU
3323kHz 1842z 17/11 Transcript:			
323 891 36 46422 54755 24607 39080 53711 83024 91664 82072 17832 05317 54259 53905 25005 58197 10283 07571 06586 16025 06440 19945 25350 46149 96197 92600 56382 14067 19512 64043 55179 76188 31159 32413 33249 68949 40040 58166 891 36 000 Courtesy Spectre			
1842z	22/11[323 891 36 46422 ... 58166 891 36 000]	AB	TUE
1842z	24/11[323 891 36 46422 ... 58166 891 36 000]	AB	THU
3823kHz1842z	17/11[323 891 36 46422 ... 58166 891 36 000]	AB	THU
1842z	22/11[323 891 36 46422 ... 58166 891 36 000]	AB	TUE
1842z	24/11[323 891 36 46422 ... 58166 891 36 000]	AB	THU

December 2011:

3823kHz1842z	01/12[323 323 323...] OM VERY WEAK 000 1853z	AIK	THU
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S28
November 2011:

4582kHz 2259z	01/11 [Harmonic] Very Weak RTTYQRM3 QSB3	Spectre	TUE
4582kHz 2342z	02/11 [Harmonic] Weak RTTYQRM4 QSB3	Spectre	WED
4582kHz 2041z	03/11 [Harmonic] Very Weak RTTYQRM5 QSB4	Spectre	THU
4582kHz 2140z	04/11 [Harmonic] Weak RTTYQRM4 QSB3	Spectre	FRI
4582kHz 2223z	05/11 [Harmonic] Weak RTTYQRM4 QSB2	Spectre	SAT
4667kHz 2257z	01/11 [Harmonic] Weak QRN3 QSB2	Spectre	TUE
4667kHz 2039z	03/11 [Harmonic] Fair QRN3 QSB2	Spectre	THU
4667kHz 2138z	04/11 [Harmonic] Weak QRN3 QSB3	Spectre	FRI
4667kHz 2345z	07/11 [Harmonic] Weak QRN3 QSB3	Spectre	MON
4667kHz 2203z	08/11 [Harmonic] Weak QRN3 QSB3	Spectre	TUE
4667kHz 0036z	12/11 [Harmonic] Very Weak QRN3 QSB3	Spectre	SAT
4667kHz 2247z	13/11 [Harmonic] Very Weak QRN3 QSB3	Spectre	SUN
4667kHz 2229z	14/11 [Harmonic] Weak QRN3 QSB2	Spectre	MON
4667kHz 2156z	16/11 [Harmonic] Weak QRN3 QSB2	Spectre	WED
4667kHz 2347z	22/11 [Harmonic] Weak QRN3 QSB3	Spectre	TUE
4667kHz 1834z	23/11 [Harmonic] Very Weak QRN3 QSB3	Spectre	WED
4667kHz 0200z	24/11 [Harmonic] Very Weak QRN3 QSB3	Spectre	THU
4667kHz 2245z	28/11 [Harmonic] Very Weak QRN3 QSB3	Spectre	MON
4668kHz 2340z	02/11 [Harmonic] Fair QRN3 QSB2	Spectre	WED
4668kHz 2221z	05/11 [Harmonic] Weak QRN2 QSB3	Spectre	SAT
4668kHz 2245z	09/11 [Harmonic] Weak QRN3 QSB3	Spectre	WED
4668kHz 2114z	10/11 [Harmonic] Weak QRN3 QSB3	Spectre	THU
4668kHz 2353z	15/11 [Harmonic] Weak QRN3 QSB2	Spectre	TUE
4709kHz 2040z	03/11 [Harmonic] Very Weak QRN4 QSB4	Spectre	THU
4709kHz 2139z	04/11 [Harmonic] Very Weak QRN4 QSB3	Spectre	FRI
4709kHz 2346z	07/11 [Harmonic] Very Weak QRN3 QSB3	Spectre	MON
4709kHz 2204z	08/11 [Harmonic] Very Weak QRN3 QSB3	Spectre	TUE
4709kHz 0124z	11/11 [Harmonic] Very Weak QRN3 QSB3	Spectre	FRI
4709kHz 0037z	12/11 [Harmonic] Very Weak QRN3 QSB3	Spectre	SAT
4709kHz 2248z	13/11 [Harmonic] Very Weak QRN3 QSB3	Spectre	SUN
4709kHz 2157z	16/11 [Harmonic] Very Weak QRN3 QSB2	Spectre	WED
4709kHz 2348z	22/11 [Harmonic] Very Weak QRN3 QSB3	Spectre	TUE
4709kHz 1835z	23/11 [Harmonic] Very Weak QRN3 QSB3	Spectre	WED
4709kHz 0201z	24/11 [Harmonic] Very Weak QRN3 QSB3	Spectre	THU
4710kHz 2258z	01/11 [Harmonic] Very Weak QRN3 QSB3	Spectre	TUE
4710kHz 2341z	02/11 [Harmonic] Weak QRN3 QSB3	Spectre	WED
4710kHz 2246z	09/11 [Harmonic] Very Weak QRN3 QSB3	Spectre	WED
4710kHz 2115z	10/11 [Harmonic] Very Weak QRN3 QSB3	Spectre	THU
4710kHz 2230z	14/11 [Harmonic] Very Weak QRN4 QSB3	Spectre	MON
4711kHz 2222z	05/11 [Harmonic] Very Weak QRN3 QSB3	Spectre	SAT
4711kHz 2355z	15/11 [Harmonic] Very Weak QRN3 QSB3	Spectre	TUE
<u>December 2011:</u>			
4751kHz 1920z	07/12 [Harmonic] Very Weak QRN3 QSB3	Spectre	WED

S30 No reports

S32

3828kHz 2300z 01/11 [Channel Marker, Heard In UK] Very Weak QRN3 QSB3	Spectre	TUE
3828kHz 2343z 02/11 [Channel Marker, Heard In UK] Weak QRN3 QSB	Spectre	WED
3828kHz 2045z 03/11 [Channel Marker, Heard In UK] Weak QRN3 QSB3	Spectre	THU
3828kHz 2156z 04/11 [Channel Marker, Heard In UK] Weak QRN3 QSB2	Spectre	FRI
3828kHz 2228z 05/11 [Channel Marker, Heard In UK] Very Weak QRN3 QSB3	Spectre	SAT
3828kHz 2124z 06/11 [Channel Marker, Heard In UK] Very Weak QRN3 QSB3	Spectre	SUN
3828kHz 2347z 07/11 [Channel Marker, Heard In UK] Very Weak QRN3 QSB3	Spectre	MON
3828kHz 2205z 08/11 [Channel Marker, Heard In UK] Very Weak QRN3 QSB3	Spectre	TUE
3828kHz 2247z 09/11 [Channel Marker, Heard In UK] Weak QRN3 QSB3	Spectre	WED
3828kHz 2116z 10/11 [Channel Marker, Heard In UK] Very Weak QRN3 QSB3	Spectre	THU
3828kHz 0125z 11/11 [Channel Marker, Heard In UK] Very Weak QRN3 QSB3	Spectre	FRI
3828kHz 0038z 12/11 [Channel Marker, Heard In UK] Very Weak QRN3 QSB3	Spectre	SAT
3828kHz 2249z 13/11 [Channel Marker, Heard In UK] Very Weak QRN3 QSB3	Spectre	SAT
3828kHz 2305z 14/11 [Channel Marker, Heard In UK] Very Weak QRN3 QSB3	Spectre	MON
3828kHz 2356z 15/11 [Channel Marker, Heard In UK] Weak QRN3 QSB3	Spectre	TUE
3828kHz 2158z 16/11 [Channel Marker, Heard In UK] Weak QRN3 QSB3	Spectre	WED
3828kHz 2246z 17/11 [Channel Marker, Heard In UK] Very Weak QRN3 QSB3	Spectre	THU
3828kHz 2254z 18/11 [Channel Marker, Heard In UK] Very Weak QRN3 QSB3	Spectre	FRI
3828kHz 2337z 19/11 [Channel Marker, Heard In UK] Weak QRN4 QSB3	Spectre	SAT
3828kHz 2147z 20/11 [Channel Marker, Heard In UK] Very Weak QRN3 QSB3	Spectre	SUN
3828kHz 2239z 21/11 [Channel Marker, Heard In UK] Weak QRN3 QSB3	Spectre	MON
3828kHz 2349z 22/11 [Channel Marker, Heard In UK] Very Weak QRN3 QSB3	Spectre	TUE
3828kHz 1836z 23/11 [Channel Marker, Heard In UK] Weak QRN3 QSN3	Spectre	WED
3828kHz 0207z 24/11 [Channel Marker, Heard In UK] Weak QRN3 QSB3	Spectre	THU
3828kHz 2214z 25/11 [Channel Marker, Heard In UK] Weak QRN3 QSB3	Spectre	FRI
3828kHz 2235z 26/11 [Channel Marker, Heard In UK] Weak QRN3 QSB3	Spectre	SAT
3828kHz 2116z 27/11 [Channel Marker, Heard In UK] Weak QRN3 QSB3	Spectre	SUN
3828kHz 2245z 28/11 [Channel Marker, Heard In UK] Very Weak QRN3 QSB3	Spectre	MON
3828kHz 2305z 28/11 [Channel Marker, Heard In UK] Very Weak QRN3 QSB3	Spectre	TUE
3828kHz 2138z 28/11 [Channel Marker, Heard In UK] Very Weak QRN3 QSB3	Spectre	WED

V02a [XVIII]

PoSW's reports on this station, usually received better in the Americas:

The 0700 and 0800 UTC transmissions from the Señorita from Havana now much stronger than in the summer months. Appears one hour earlier local with the end of summertime, the 0700 UTC on at 7 am in the UK so us members of the suburban proletariat can check it out over the Shredded Wheat at breakfast time. Starting a minute or more before the top of the hour is commonplace as is starting up on the wrong frequency.

30-Oct-11, Sunday, 0659 UTC, 5,800 kHz, started up on the wrong frequency, "Atencion, 18271 84042 46851". Went off at 0701z and came up on the correct frequency 5,883 kHz.

0759 UTC, 5,883 kHz, wrong frequency again, call-up as earlier, a somewhat weaker signal made worse by a strong DRM broadcaster on the LF side. Vanished from 5,883 at 0805z, found on the correct frequency 5,898 kHz.

31-Oct-11, Monday, 0659 UTC, 5,883 kHz, "Atencion, 00472 27651 06471", S9+ signal.

1-Nov-11. Tuesday, 0659 UTC, 5,883 kHz, "Atencion, 73371 01612 73502", S9+.

3-Nov-11, Thursday:- 0659 UTC, 5,883 kHz, "Atencion, 33181 17011 37481", S9+.

4-Nov-11, Friday:- 0659 UTC, 5,883 kHz, "Atencion, 30331 58281 05321", continues to be a very strong signal in the UK.

5-Nov-11, Saturday:- 0659 UTC, 5,883 kHz, "Atencion, 03371 02251 03512".

0759 UTC, 5,898 kHz, "03371 02251 03512", as earlier.

8-Nov-11, Tuesday:- 0700 UTC, 5,883 kHz, "Atencion, 03272 75302 01741", call-up in progress when tuned in 30s before the hour, "03272" repeated and into 5Fs before 0702z.

11-Nov-11, Friday:- 0659 UTC, 5,883 kHz, "Atencion, 14541 64081 11121".

12-Nov-11, Saturday:- 0758 and 30 seconds UTC by my clock, 5,898 kHz, "Atencion, 56761 55582 02632".

13-Nov-11, Sunday:- 0758 & 30s UTC, 5,898 kHz "Atencion, 31622 67152 52771".

14-Nov-11, Monday, 0659 UTC, 5,883 kHz, call-up in progress, "Atencion, 60041 48041 37582".

15-Nov-11, Tuesday:- 0659 UTC, 5,883 kHz, "Atencion, 18431 62522 55241"; vanished at 0701z, found the transmission had moved to 5,800! Within a few seconds of tuning in went off this frequency and moved back to 5,883.

17-Nov-11, Thursday:- 0659 UTC, 5,883 kHz, more erratic behaviour from Cuba this morning, usual call-up routine with "10382 73302 77821", paused for a few seconds then continued with, "83832 21382 60132".

18-Nov-11, Friday:- 0659 UTC, 5,883 kHz, "Atencion, 72542 06362 27652". S9 signal.

19-Nov-11, Saturday:- 0659 UTC, 5,883 kHz, "Atencion, 05861 15681 72651".

0759 UTC, 5,883 kHz - started up on the wrong frequency with same call-up as earlier. Vanished just before 0800z and came up on 5,898.

20-Nov-11, Sunday:- 0700 UTC, 5,883 kHz, something a bit unusual this morning, no number station heard at first but what appeared to be a relay of a broadcast perhaps of a news or current affairs programme alternating between YL and OM voices in Spanish. Stopped after a short while when the usual V02a voice came up repeating "37431" and into 5Fs around 0702z.
 0759 UTC, 5,898 kHz, no problems here, "Atencion, 37431 33681 85701".

24-Nov-11, Thursday:- 0659 UTC, 5,883 kHz, "Atencion, 53001 18871 31862". Strong carrier but audio seemed to be low in relation.

25-Nov-11, Friday:- 0658 and 35 seconds UTC - managed to be there right at the start!
 5,883 kHz, "Atencion, 14771 75472 08572".

26-Nov-11, Saturday:- 0758 and 35s UTC, 5,898 kHz, "Atencion, 73162 16422 10051".

28-Nov-11, Monday:- 0659 UTC, 5,883 kHz, "Atencion, 58581 65351 33171", much weaker signal than in recent times, S6 to S7.

2-Dec-11, Friday:- 0659 UTC, 5,883 kHz, "Atencion, 36722 76562 66852". S7 with deep QSB

4-Dec-11, Sunday:- 0758 and 30s UTC, to be precise, 5,898 kHz, "Atencion, 40051 24722 45112. S9 but audio seemed low in relation to carrier strength.

8-Dec-11, Thursday:- 0659 UTC, 5,883 kHz, "Atencion, 33782 67412 77702".

10-Dec-11, Saturday:- 0758 and 25s UTC, early starts are becoming even earlier!, 5,898 kHz, "Atencion, 70842 80671 17672", not as strong as in recent weeks, S7 at best.

12-Dec-11, Monday:- 0700 UTC, 5,800 kHz, not on the usual frequency of 5,883. "Atencion, 18001 87002 56711". S8 carrier, audio somewhat weak. Didn't have time to hang around to see if there was a QSY to 5,883.

15-Dec-11, Thursday:- 0700 UTC minus 30s approx, timing somewhat improved! 5,883 kHz, "Atencion, 15082 10882 03511".

16-Dec-11, Friday:- 0700 UTC minus 30s, 5,883 kHz, "Atencion, 06701 02122 26572".

17-Dec-11, Saturday:- 0800 UTC, 5,898 kHz, call-up in progress when tuned in 15s before the hour, "Atencion, 80422 11072 37171". S9 signal.

18-Dec-11, Sunday, 0759 and 30 seconds UTC – to be precise! - 5,898 kHz, "Atencion, 52842 57581 34552".

And two to finish off the year:-

28-Dec-11, Wednesday:- 0911 UTC, 9,040 kHz, transmission in progress, S6 to S7, interference from a strong FSK station about 3 kHz higher. 1019 UTC, 9,240 kHz, another V02a in full flow, S7 with rapid QSB.

I would not normally be at home on a Wednesday to find these two, but this is the holiday "No Man's Land" between Christmas and the New Year.

And others' logs with a strong UK presence ☺

November 2011:

5883kHz0659z	18/11[A72542 06362 27652] Strong	Hans	FRI
0657z	19/11 weak, fades in/out 0740z	k5knt	SAT
0659z	26/11[A73162 16422 10051 LG73283 Finalé(R3)] 0741z Strong, QSB3	(41m33s) DanAr, PLdn	SAT
0659z	27/11[A36802 74052 31182 LG18055 Finalé(R3)] 0741z Fair, QRM3	(40m49s) PLdn	SUN
0659z	28/11[A58581 65351 33171 LG75526 Finalé(R3)] 0741z Strong	(41m32s) PLdn	MON
0659z	29/11[A54372 66581 86381 LG46307 Finalé(R3)] 0741z Strong, QRN2	(42m00s) DanAr,PLdn	TUE
5898kHz0800z	19/11 in progress	k5knt	SAT
0759z	27/11[A36802 74052 31182 LG73661 Finalé(R3)] 0841z Strong, QRM2	(42m01s) PLdn	SUN
0759z	28/11[A58581 65351 33171 LG75526 Finalé(R3)] 0841z Strong	(41m32s) PLdn	MON
0759z	29/11[A54372 66581 86381 LG67720 Finalé(R3)] 0841z Strong, QRN2	(41m56s) PLdn	TUE
6768kHz0100z	19/11 SS YL groups of 5f	Rich	SAT

December 2011:

4028kHz0127z	02/12 fair	gil	FRI
4035kHz0400z	19/12[xxxxx 82671 xxxx] in progress, missed callup.	J-FL	MON
5883kHz0659z	01/12[A01431 80851 35312 LG48476 Finalé(R3)] Very strong	(42m01s) PLdn	THU
0659z	02/12[A36722 76562 66856 LG 10015 Finalé(R3)] Weak	(42m01s) PLdn	FRI
0659z	03/12[A45222 70851 47722 LG78727 Finalé(R3)] 0741z Fair, QRN3	(41m27s) PLdn, gil	SAT
0659z	04/12 Weak and unreadable, QRM3	PLdn	SUN
0657z	05/12[A68562 61411 22472 LG37238 Finale(R3)] Fair	(40m27s)DanAr, PLdn	MON
0658z	08/12[77702] Rx problems; Strong	PLdn	THU
0659z	11/12[A20311 40112 64562 LG54848]Finalé(R3) 0741z Weak, QRM2 QSB2	(41m32s) PLdn	SUN
0659z	13/12[A06401 71421 22481 LG73351 Finalé(R3)]0741z Strong	(41m31s) PLdn	TUE
0659z	15/12[A15082 10882 03511 LG06520 Finalé(R3)] 0741z Fair	(42m00s) PLdn	THU
0659z	16/12[A06751 02122 26572 LGnnnnn] Weak and noisy	PLdn	FRI
0659z	17/12[A80422 nnnnn nnnnn] Very weak, QRM3/4	PLdn	SAT
0659z	18/12[AFinalé (R3)] Very poor, QRM4 0741z	PLdn	SUN
0659z	19/12[A20512 08712 40021 LG64486Finalé(R3)] 0741z Weak to start; fair by end.	(41m26s) PLdn	MON
0659z	20/12[A83501 82471 55361 LG75025 Finalé(R3)] 0741z Weak	(41m26s) PLdn	TUE
0700z	22/12[A23571 05781 68682 LG50353]0742z Strong	(42m08s) PLdn	THU
0700z	23/12[A73022 48511 85641 LG67183 Finalé(R3)] 0742z Strong	(42m01s) PLdn	FRI
0700z	24/12[A06662 76411 78611 LG22756Finalé(R3)]0742z Fair	(42m00s) PLdn	SAT
0700z	25/12[A57271 83762 56651 LG77543Finalé(R3)]0742z Fair, QRN2	(41m55s) PLdn	SUN
0700z	26/12[A84162 16572 88462 LG26002 Finalé(R3)]0742z Fair	(42m01s) PLdn	MON

0700z	27/12[A12661 81711 84432 LG n4466 Finalé(R3)]0742z Strong, QSB3	(42m11s) PLdn	TUE
0700z	29/12[A84332 14882 18511 LG50677Finalé(R3)]0742z Strong, QRM2	(41m57s) PLdn	THU
0700z	30/12[A21621 50672 48221 LG45612 Finalé(R3)] 0742z Strong	(42m03s) PLdn	FRI
0700z	31/12[A14851 37882 12472 LG15812 Finalé(R3)]0742z Weak and noisy, QSB2/3	(42m00s) PLdn	SAT
5898kHz0759z	01/12[A01431 80851 35312 LG77425 Finalé(R3)] Very strong	(42m01s) PLdn	THU
0759z	02/12[A36722 76562 66856 LG 24207 Finalé(R3)] Weak	(42m01s) PLdn	FRI
0759z	03/12[A45222 70851 47722 LG75484 Finalé(R3)] 0741z Fair, QRN3	(41m27s) PLdn, gil	SAT
0759z	04/12[A40051 24722 45012] Weak, QRM3 QSB2 to nil by end.	PLdn	SUN
0757z	05/12[A68562 61411 22472] Fair, QRM4/5	PLdn	MON
0759z	06/12[A07602 73461 03842 LG02438 Finalé(R3)] 0840z Fair, QRM2 QRN2	(41m22s) PLdn	TUE
0758z	08/12[A33782 61412 77702] Started Fair, faded before end	PLdn, gil	THU
0758z	10/12[A70846 80671 17672 LG38825 Finalé(R3)]0840z Fair, QSB2	(40m59s) PLdn	SAT
0800z	11/12[A20311 40112 64562 LG25466]Finalé(R3) 0742z Fair	(41m36s) PLdn	SUN
0759z	13/12[A06401 71421 22481 LG85886 Finalé(R3)]0841z Strong	(41m31s) PLdn	TUE
0759z	15/12[A15082 10882 03511 LG24041 Finalé(R3)] 0841z Strong	(42m01s) PLdn	THU
0759z	16/12[A06751 02122 26572 LG67777 Finalé(R3)] 0741z Weak and noisy	(41m26s) PLdn	FRI
0759z	17/12[A80422 11072 37171 LG20448 Finalé(R3)] 0841z Fair, QRM3	(42m00s) PLdn	SAT
0759z	18/12[A52842 57581 34552 LG25518 Finalé(R3)] 0841z Fair, QSB2	(41m24s) PLdn	SUN
0759z	19/12[A20512 08712 40021 LG85301Finalé(R3)] 0841z QRM3/4 at start, Fair to end.	(41m26s) PLdn	MON
0759z	20/12[A83501 82471 55361 LG44580 Finalé(R3)] 0841z Weak/fair	(41m26s) PLdn	TUE
0800z	22/12[A23571 05781 68682 LG56854]0842z Strong, QSB2	(42m08s) PLdn	THU
0808z	23/12[n nnnn 10652 08211 LG06166 Finalé(R3)] 0842z Strong Started late, carrier up at 0751z	(41m55s) PLdn	FRI
0800z	24/12[A06662 76411 78611 LG36021Finalé(R3)]0842z Fair	(41m47s) PLdn	SAT
0813z	25/12[started late 83762 56651 LG51028Finalé(R3)] 0842z Fair, QSB2/3 SK01QRM3/4	(41m47s) PLdn	SUN
0800z	26/12[A84162 16572 88462 LG81767 Finalé(R3)] 0842z Strong	(42m01s) PLdn	MON
0800z	27/12 Expected V02a was SK01	PLdn	TUE
0800z	29/12[A84332 14882 18511 LG66830Finalé(R3)]0842z Fair, QRM2	(41m57s) PLdn	THU
0800z	30/12[A21621 50672 48221 LG20473 Finalé(R3)] 0842z Strong.	(42m02s) PLdn	FRI
0800z	31/12[A14851 37882 12472 LG27347 Finalé(R3)]0842z Fair and noisy	(42m02s) PLdn	SAT
6768kHz0419z	05/12[] weak	gil	MON
0400z	19/12[] very weak.	J-FL	MON
13380kHz2019z	08/12[] strong	gil	THU

V07 [IB]

V07 remains active and well heard on the west coast of the US in its Sunday morning schedule. It is still in the 0100/0120/0140 time period for the 3rd month in a row, however the frequencies for December are different from the ones used in October and November. If the pattern holds true the station might continue using 0100/0120/0140 for January, February, and March of 2012, moving to the 0300/0320/0340 slot in April.

The chart of trends, times, and frequencies used for 2011 is here:

http://token_radio.home.mchsi.com/V07_latest_sched.JPG

V07 Observations May to December of 2011

	May Call 511	June Call ???	July Call 512	August Call 845	September Call 661	October Call 883	November Call 883	December Call 661
0100						18074	18074	16037
0120						15874	15874	14637
0140						14374	14374	12137
0300					16037			
0320					14637			
0340					12137			
0500	?			14823				
0520	12182			13423				
0540	?			11523				
0700		?	13582					
0720		11182	12182					
0740		?	10282					

Note that on November 20 in the 0100 and 0120 time slots a CW station was sent instead of V07. In this case I believe it is M12. The same ID was sent, 883, as should have been sent for V07 in that time slot. This was a null msg so the 0140 time slot was not populated. Based on this reception I have been assuming there might be an M12 related to this V07 schedule, but looking in the hours before and after the V07 times I have not yet found one.

T!

Mojave Desert, California USA

Logs:

The CW msg for November 20, 2011 was as follows:

883 883 883 T T T 883 883 T T T 883 883 883 T T T 883 883 883
 T T T
 883 883 883 T T T 883 883 883 T T T 883 883 883 T T T 883 883 883
 T T T

November 2011 receptions:

11/06/2011, 0100 UTC, 18074 kHz, USB, V07, YL SS 5f, Callup 883, ID 522, 67 grps
11/06/2011, 0120 UTC, 15874 kHz, USB, V07, YL SS 5f, Callup 883, ID 522, 67 grps
11/06/2011, 0140 UTC, 14374 kHz, USB, V07, YL SS 5f, Callup 883, ID 522, 67 grps
11/13/2011, 0100 UTC, 18074 kHz, USB, V07, YL SS 5f, Callup 883, null msg
11/13/2011, 0100 UTC, 15874 kHz, USB, V07, YL SS 5f, Callup 883, null msg
11/20/2011, 0100 UTC, 18074 kHz, CW, M12, Callup 883, null msg
11/20/2011, 0120 UTC, 15874 kHz, CW, M12, Callup 883, null msg
11/27/2011, 0100 UTC, 18074 kHz, USB, V07, YL SS 5f, Callup 883, ID 957, 93 grps
11/27/2011, 0120 UTC, 15874 kHz, USB, V07, YL SS 5f, Callup 883, ID 957, 93 grps
11/27/2011, 0140 UTC, 14374 kHz, USB, V07, YL SS 5f, Callup 883, ID 957, 93 grps

December 2011 receptions:

The first Sunday of the month (Dec 4, 2011) I was not home and only recorded the frequencies that had been in use the last 2 months, no activity recorded as the station had shifted frequencies.

12/11/2011, 0100 UTC, 16037 kHz, USB, V07, YL SS 5f, Callup 661, ID 567, 79 grps
12/11/2011, 0120 UTC, 14637 kHz, USB, V07, YL SS 5f, Callup 661, ID 567, 79 grps
12/11/2011, 0140 UTC, 12137 kHz, USB, V07, YL SS 5f, Callup 661, ID 567, 79 grps
12/18/2011, 0100 UTC, 16037 kHz, USB, V07, YL SS 5f, Callup 661, null msg
12/18/2011, 0120 UTC, 14637 kHz, USB, V07, YL SS 5f, Callup 661, null msg
12/25/2011, 0100 UTC, 16037 kHz, USB, V07, YL SS 5f, Callup 661, ID 676, 65 grps
12/25/2011, 0120 UTC, 14637 kHz, USB, V07, YL SS 5f, Callup 661, ID 676, 65 grps
12/25/2011, 0140 UTC, 12137 kHz, USB, V07, YL SS 5f, Callup 661, ID 676, 65 grps

V13 [0]

November 2011:

13200kHz0603z	01/11 YL with msg -without laute music intro- until 06:33z ; low signal, QRM from EAM msg	DanAr	TUE
13200kHz1200z	01/11 YL with msg -with laute music intro- until 12:33z ; good signal , QRM from test msg from EAM	DanAr	TUE
13200kHz1300z	01/11 YL with msg -with laute music intro- weak signal.	DanAr	TUE

December2011:

7580kHz1013z	15/12 i/p	Joh	THU
1200z	16/12 [NULL]	M8	FRI
1300z	16/12 [NULL]	M8	FRI

V21

5637kHz 1400z 31/12 heard a microphone keyed several times then heard "41" or 40 1 - good signal,
this must be the shortest Babbler transmission ever

Westli

SAT

V24

V24 and M94 have once again undergone some fairly substantial changes in frequencies and schedule.

Starting November 6, 2011, I noticed a new frequency in use by V24, 6310 kHz.

Since a couple weeks before that date I have not seen 6730 or 6330 kHz in use.

My assumption is that about November 1, 2011, the frequencies of 6730 kHz and 6330 kHz were discontinued and the new frequency of 6310 kHz was added.

The total number of messages each month have not reduced by any appreciable number, so it appears the activity that was on 6730 and 6330 kHz has shifted to the still active freqs. For the most part the 6730 kHz activity appears to have shifted to 6310 kHz and the former 6330 kHz activity has shifted to the remaining freqs, for example the 6330 kHz M94 slots have moved to 5715 kHz, but on the same days and at the same times as when on 6330 kHz.

Fewer and fewer 4f format messages are being sent, the vast majority are now 5f.

The latest schedule of V24 and M94 transmissions can be found here:

http://token_radio.home.mchsi.com/V24_M94_latest_sched.JPG

Schedule for V24 and M94 transmission predictions, Version 4. The last four remaining M94 time slots are highlighted in **BLUE**. 4600, 4900, 5115, 5715, 6215, and 6310 kHz are all active. 6310 noted in use Nov 05, and 6730 and 6330 have been removed from use. Most 6730 freqs appear to have converted to 6310 and most 6330 have converted to 5715

Some time slots are only used every other month.

(P) = Possible based on past habits but not yet confirmed.

?? = Formerly on 6730 or 6330 but not yet confirmed on new frequencies or in new time slots.

V24/M94 Schedule as of December 31, 2011

Day	1200	1230	1240	1300	1330	1400	1430	1500	1530	1600	1630
1				5715 (P)				??	4900		
2				5715 (P)				6215	5115		
3				5715 (P)	??		5715	6215	5115		
4				5715 (P)	??		5715	4900			
5						5115	??	4900			6310
6				6310		5115	??		6310	6215 (P)	6310
7				6310			4600				6215 (P)
8						4600		4600			
9		6215 (P)			6310				4600	6215 (P)	
10		6215 (P)			6310	M94 5715	5715	6215	??	6215 (P)	5115
11						M94 5715	5717	6215	5715	6215	5115
12	5715 (P)								5715		5115 (P)
13	5715 (P)						5715 (P)		6310		5115 (P)
14	4900 (P)		??						6310		
15	4900 (P)						6310				
16						6310	4900				
17							4900	5115			
18		5715	??				6215	5115			
19		5715	??				6215				6310
20					5115	5715	5115				6310
21					5115	5715	5115	??		6215 (P)	
22		??				4600		??		6215 (P)	5115
23			6310			4600					5115
24		5715	6310					4600	6215 (P)		
25		5715	5715					4600			
26					M94 5715			6215			
27			6310		M94 5715			6215			
28		4900	6310						5715	6215	
29									5715	6215	
30								5115			
31								4900			

This schedule is still somewhat tentative and in work, but should be fairly accurate. But notice I am no longer including the version number or date in the URL, the intent is to keep the most current version at that URL from now on.

Note that the schedule contains a time column not seen on previous schedules I made, in this case 1240 UTC. There have been a couple of transmissions in this time slot so I have included it on the schedule, but I will remove that column if these transmission do not repeat in the future. In the past V24 has used XX20 and XX40 time slots, but never for very long other than the 1620 time slot, which was used for over a year. In fact a few times it has used the XX20 and XX40 before the normal 1200 UTC start time.

T!

Mojave Desert, California, USA

Logs:

November receptions of V24:

11/04/2011, 1430 UTC, 5715 kHz, AM, V24, YL KK 5f
 11/04/2011, 1500 UTC, 4900 kHz, AM, V24, YL KK 5f
 11/05/2011, 1400 UTC, 5115 kHz, AM, V24, YL KK 5f
 11/06/2011, 1400 UTC, 5115 kHz, AM, V24, YL KK 5f
 11/06/2011, 1530 UTC, 6310 kHz, AM, V24, YL KK 5f
 11/06/2011, 1630 UTC, 6310 kHz, AM, V24, YL KK 5f
 11/07/2011, 1300 UTC, 6310 kHz, AM, V24, YL KK 5f
 11/09/2011, 1330 UTC, 6310 kHz, AM, V24, YL KK 5f
 11/10/2011, 1430 UTC, 5715 kHz, AM, V24, YL KK 5f
 11/10/2011, 1500 UTC, 6215 kHz, AM, V24, YL KK 5f
 11/11/2011, 1430 UTC, 5715 kHz, AM, V24, YL KK 5f
 11/11/2011, 1500 UTC, 6215 kHz, AM, V24, YL KK 5f
 11/11/2011, 1530 UTC, 5715 kHz, AM, V24, YL KK 5f
 11/11/2011, 1600 UTC, 6215 kHz, AM, V24, YL KK 4f
 11/11/2011, 1630 UTC, 5715 kHz, AM, V24, YL KK 4f
 11/19/2011, 1500 UTC, 6215 kHz, AM, V24, YL KK 5f
 11/19/2011, 1630 UTC, 6310 kHz, AM, V24, YL KK 5f

December receptions of V24

12/02/2011, 1500 UTC, 6215 kHz, AM, V24, YL KK 5f
 12/02/2011, 1530 UTC, 5115 kHz, AM, V24, YL KK 5f
 12/03/2011, 1430 UTC, 5715 kHz, AM, V24, YL KK 5f
 12/03/2011, 1500 UTC, 6215 kHz, AM, V24, YL KK 5f
 12/03/2011, 1530 UTC, 5115 kHz, AM, V24, YL KK 5f
 12/04/2011, 1430 UTC, 5715 kHz, AM, V24, YL KK 5f
 12/04/2011, 1500 UTC, 4900 kHz, AM, V24, YL KK 5f
 12/09/2011, 1330 UTC, 6310 kHz, AM, V24, YL KK 5f
 12/09/2011, 1530 UTC, 4600 kHz, AM, V24, YL KK 4f
 12/10/2011, 1330 UTC, 6310 kHz, AM, V24, YL KK 5f
 12/10/2011, 1430 UTC, 5715 kHz, AM, V24, YL KK 5f
 12/10/2011, 1500 UTC, 6215 kHz, AM, V24, YL KK 5f
 12/10/2011, 1630 UTC, 5115 kHz, AM, V24, YL KK 4f
 12/11/2011, 1430 UTC, 5715 kHz, AM, V24, YL KK 5f
 12/11/2011, 1500 UTC, 6215 kHz, AM, V24, YL KK 5f
 12/11/2011, 1530 UTC, 5715 kHz, AM, V24, YL KK 5f
 12/11/2011, 1630 UTC, 5115 kHz, AM, V24, YL KK 4f
 12/15/2011, 1430 UTC, 6310 kHz, AM, V24, YL KK 5f
 12/16/2011, 1430 UTC, 6310 kHz, AM, V24, YL KK 5f
 12/16/2011, 1500 UTC, 4900 kHz, AM, V24, YL KK 5f
 12/17/2011, 1500 UTC, 4900 kHz, AM, V24, YL KK 5f
 12/17/2011, 1530 UTC, 5115 kHz, AM, V24, YL KK 5f
 12/18/2011, 1500 UTC, 6215 kHz, AM, V24, YL KK 5f
 12/18/2011, 1530 UTC, 5115 kHz, AM, V24, YL KK 5f
 12/19/2011, 1300 UTC, 5715 kHz, AM, V24, YL KK 5f
 12/19/2011, 1330 UTC, 6310 kHz, AM, V24, YL KK 4f

11/20/2011, 1430 UTC, 5715 kHz, AM, V24, YL KK 5f
11/20/2011, 1500 UTC, 5115 kHz, AM, V24, YL KK 5f
11/20/2011, 1630 UTC, 6310 kHz, AM, V24, YL KK 5f
11/24/2011, 1300 UTC, 5715 kHz, AM, V24, YL KK 5f
11/24/2011, 1330 UTC, 6310 kHz, AM, V24, YL KK 5f
11/24/2011, 1530 UTC, 4600 kHz, AM, V24, YL KK 5f
11/25/2011, 1530 UTC, 4600 kHz, AM, V24, YL KK 5f
11/26/2011, 1500 UTC, 6215 kHz, AM, V24, YL KK 5f
11/27/2011, 1500 UTC, 6215 kHz, AM, V24, YL KK 5f
11/28/2011, 1300 UTC, 6310 kHz, AM, V24, YL KK 5f

12/23/2011, 1330 UTC, 6310 kHz, AM, V24, YL KK 5f
12/23/2011, 1630 UTC, 5115 kHz, AM, V24, YL KK 4f
12/24/2011, 1330 UTC, 6310 kHz, AM, V24, YL KK 5f
12/24/2011, 1530 UTC, 4600 kHz, AM, V24, YL KK 4f
12/25/2011, 1240 UTC, 5715 kHz, AM, V24, YL KK 5f
12/25/2011, 1300 UTC, 5715 kHz, AM, V24, YL KK 5f
12/25/2011, 1530 UTC, 4600 kHz, AM, V24, YL KK 4f
12/31/2011, 1500 UTC, 5115 kHz, AM, V24, YL KK 5f
12/18/2011, 1530 UTC, 4900 kHz, AM, V24, YL KK 5f

November receptions of M94

11/10/2011, 1400 UTC, 5715 kHz, MCW, M94, ID 935
11/27/2011, 1400 UTC, 5715 kHz, MCW, M94, ID 935

December receptions of M94

12/10/2011, 1400 UTC, 5715 kHz, MCW, M94, ID 935
12/11/2011, 1400 UTC, 5715 kHz, MCW, M94, ID 935

V30 November 2011:

10255kHz1556z 04/11[OM 50 Group Message Rx3] 1609z Fair QRM3 QSB3

Spectre

FRI

V30 10255kHz 1556z 04/11 Transcript:

Son Ca Goi Hai Dang Nam Hai Nam Ba Rx6

So dien 65
Tin nhan Rx3
So dien 65 Rx2
Tin nhan Rx3
So nhom 45 Rx2

Son Ca Goi Hai Dang Nam Hai Nam Ba Rx6

So dien 65
Tin nhan Rx3
So dien 65 Rx2
Tin nhan Rx3
So nhom 45 Rx2

Noi Dung Sua Dau

01340 35424 75132 28860 73614 19286 05659 09343 12548 26981
94697 74554 06309 64246 11813 18223 87829 18260 56078 97189
87747 11308 42226 19905 78558 69633 49068 46347 47849 42237
05773 70588 18749 76178 56992 66040 53426 54963 20794 27651
39339 43867 37772 37723 53064 06795 37525 69825 53236 90922

Son Ca Goi Dang Nam Nam Ba Rx2

R = Repeat

(Note transcript may not be correct due to shortwave reception. Same message as 25/05/2011)

POLYTONES

XPA b

This station whose schedule is heard at 0540/0600/0620z, with summer time variation, on Tuesdays and Thursdays is very strong in and around Europe. Those who have followed this station or its report will be aware that the message count has been larger than most stations.

When GSG-9 took the door down on the 18th October, 2011 Heidrun Aschlung was reportedly sitting at a table with her radio linked to a laptop computer and in the process of receiving a message.

Much has been said of M12 the rapid Morse station that some say is for auto recording and machine decryption. Well the machine decryption maybe true and recording it means it's done automatically but the machine cannot make a decision on the missing character caused by splatter or the sudden reduction in gain due to a variety of reasons. There are five members of ENIGMA2000 who are quite capable of taking down M12 as it is sent; indeed I have sat next to Naval trained and two RAF trained ops who have taken fast traffic whilst holding a conversation, such are their skills.

The media reported hearing 'musical tones' as the raid continued; not the well known sound of Morse. In any case they only M12 active at the time of the raid ~0630 local was sending a null message.

That leads us to the voice stations – nothing known to be active at that time and there's apparently none now known to use music as tuning signals.

With nothing else available that points to the polytones and the known schedules of XPA ,b the first sending on 18/10/2011 was at 0440z or 0640 local time in Germany.

On the day of the raid XPA b was sending a 777 group message over a 10m26s slot as reported in these pages and followed by a nul message on 20th October 2011.

XPA b	5762kHz	0440z	18/10/2011	[799 1 00217 00777 93067 64746]Very strong	(10m26s)	PLdn	TUE
XPA b	6962kHz	0500z	18/10/2011	[799 1 00217 00777 93067 64746]Very strong	(10m26s)	PLdn	TUE
XPA b	7962kHz	0520z	18/10/2011	[799 1 00217 00777 93067 64746]Very strong	(10m26s)	PLdn	TUE

XPA b	5762kHz	0440z	20/10/2011	[799 000 05343 00001 00000 10140] Very strong	(2m26s)	PLdn	THU
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However following the almost expected nul message after the arrest XPA b transmitted two full messages, on 25th and 27th October 2011 as my log records:

XPA b	5762kHz	0440z	25/10/2011	[799 1 00465 00583 64860 52151] Strong	(8m48s)	PLdn	TUE
XPA b	5762kHz	0440z	27/10/2011	[799 1 00731 00367 70858 37632]Strong	NR	PLdn	THU

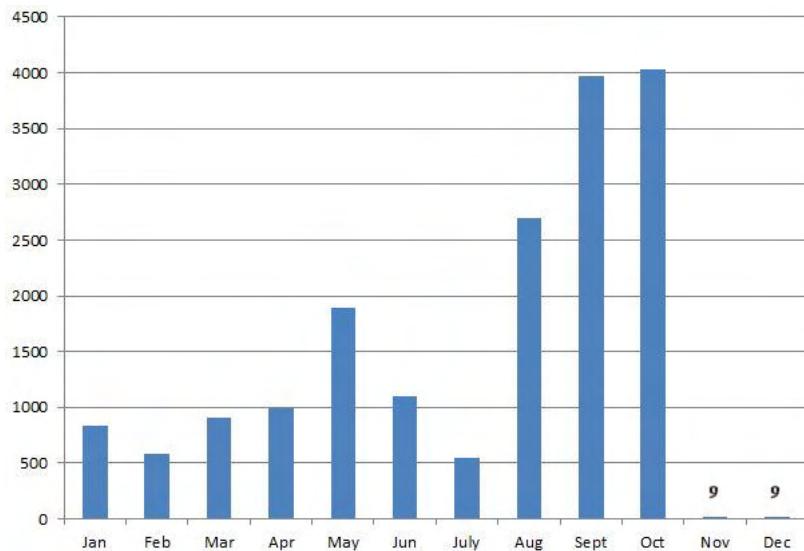
Since this last full message sending the signals from XPA b have remained strong but the content has been a nul message.

There has been a discussion concerning the two full messages highlighted above as to why they were sent with the possibility there was no one to listen to them. There were two ideas put forward.

The first suggested the messages has already been composed and were sent anyway.

The second idea was somewhat more insidious and suggests that the two arrested were performing the same functions as the Krogers [actually Cohen's] in the Portland Spy Ring – that of postmasters and communicators. If that is the case there may well be a fall back system for the 'agents' left out in the cold who have their own OTP/bespoke computer program and were already briefed to listen at a certain time [in this case for two sendings after the nul or the next week] for that instructional message should things go wrong.

The simple histogram shown below illustrates the total message count vs month across 2011 and the effect of the arrest:



Whether XPA, schedule b, continues in 2012 is unknown but it's worth remembering the Sunday 1830/1930 E06 schedule took some time to close after the arrest of its suspected user, Hermann Simm.

XPA2
November 2011:

Sun				
16238kHz1320z	27/11[01813 00001 00000 10140]		(2m11s) IW	SUN
Tue/Thu				
5336kHz2030z	01/11[00530 00219 55165 73574] Very strong		(4m59s)	TUE
4636kHz2050z	01/11[00530 00219 55165 73574] Very strong		(4m59s)	TUE
4536kHz2110z	01/11[00530 00219 55165 73574] Very strong		(4m59s)	TUE
5336kHz2030z	03/11[00530 00219 55165 73574] Very strong		(4m59s)	THU
4636kHz2050z	03/11[00530 00219 55165 73574] Very strong		(4m59s)	THU
4536kHz2110z	03/11[00530 00219 55165 73574] Very strong		(4m59s)	THU
5336kHz2030z	08/11[06160 00001 00000 10140] Very strong		(2m11s)	TUE
4636kHz2050z	08/11[06160 00001 00000 10140] Very strong		(2m11s)	TUE
4536kHz2110z	08/11[06160 00001 00000 10140] Very strong		(2m11s)	TUE
5336kHz2030z	10/11[06160 00001 00000 10140] Very strong		(2m11s)	THU
4636kHz2050z	10/11[06160 00001 00000 10140] Very strong		(2m11s)	THU
4536kHz2110z	10/11[06160 00001 00000 10140] Very strong		(2m11s)	THU
5336kHz2030z	15/11[06160 00001 00000 10140] Very strong		(2m11s)	TUE
4636kHz2050z	15/11[06160 00001 00000 10140] Very strong		(2m11s)	TUE
4536kHz2110z	15/11[06160 00001 00000 10140] Very strong		(2m11s)	TUE
5336kHz2030z	17/11[06160 00001 00000 10140] Very strong		(2m11s)	THU
4636kHz2050z	17/11[06160 00001 00000 10140] Very strong		(2m11s)	THU
4536kHz2110z	17/11[06160 00001 00000 10140] Very strong		(2m11s)	THU
5336kHz2030z	22/11[00977 00165 71680 73360] Very strong		(4m18s)	TUE
4636kHz2050z	22/11[00977 00165 71680 73360] Very strong		(4m18s)	TUE
4536kHz2110z	22/11[00977 00165 71680 73360] Very strong		(4m18s)	TUE
5336kHz2030z	24/11[00977 00165 71680 73360] Very strong		(4m18s)	THU
4636kHz2050z	24/11[00977 00165 71680 73360] Very strong		(4m18s)	THU
4536kHz2110z	24/11[00977 00165 71680 73360] Very strong		(4m18s)	THU
5336kHz2030z	29/11[05948 00001 00000 10140] Very strong		(2m11s)	TUE
4636kHz2050z	29/11[05948 00001 00000 10140] Very strong		(2m11s)	TUE
4536kHz2110z	29/11[05948 00001 00000 10140] Very strong		(2m11s)	TUE

December 2011:

Tue				
14538kHz1300z	06/12[00665 00089 60326 64260] Very strong		(3m19s)	Spectre
Tue/Thu				
4439kHz2030z	01/12[06160 00001 00000 10140] Very strong		(2m11s)	THU
4639kHz2050z	01/12[06160 00001 00000 10140] Very strong		(2m11s)	THU
5239kHz2110z	01/12[06160 00001 00000 10140] Very strong		(2m11s)	THU
4439kHz2030z	06/12[06160 00001 00000 10140] Very strong		(2m11s)	TUE
4639kHz2050z	06/12[06160 00001 00000 10140] Very strong		(2m11s)	TUE
5239kHz2110z	06/12[06160 00001 00000 10140] Very strong		(2m11s)	TUE
4439kHz2030z	08/12[06160 00001 00000 10140] Very strong		(2m11s)	THU
4639kHz2050z	08/12[06160 00001 00000 10140] Very strong		(2m11s)	THU
5239kHz2110z	08/12[06160 00001 00000 10140] Very strong		(2m11s)	THU
4439kHz2030z	13/12[00896 00187 61743 45511] Very strong		(4m34s)	TUE
4639kHz2050z	13/12[00896 00187 61743 45511] Very strong		(4m34s)	TUE
5239kHz2110z	13/12[00896 00187 61743 45511] Very strong, QSB2		(4m34s)	TUE
4439kHz2030z	15/12[00896 00187 61743 45511] Fair		(4m34s)	THU
4639kHz2050z	15/12[00896 00187 61743 45511] Strong		(4m34s)	THU
5239kHz2110z	15/12[00896 00187 61743 45511] Strong		(4m34s)	THU
4439kHz2030z	20/12[06160 00001 00000 10140] Fair		(2m11s)	TUE
4639kHz2050z	20/12[06160 00001 00000 10140] Fair		(2m11s)	TUE
5239kHz2110z	20/12[06160 00001 00000 10140] Fair		(2m11s)	TUE
4439kHz2030z	22/12[06160 00001 00000 10140] Very strong		(2m11s)	TUE
4639kHz2050z	22/12[06160 00001 00000 10140] Very strong		(2m11s)	TUE
5239kHz2110z	22/12[06160 00001 00000 10140] Very strong		(2m11s)	TUE

4439kHz2030z	27/12[00351 00103 02232 62351] Very strong	(3m30s)	PLdn	TUE
4639kHz2050z	27/12[00351 00103 02232 62351] Very strong	(3m30s)	PLdn	TUE
5239kHz2110z	27/12[00351 00103 02232 62351] Very strong	(3m30s)	PLdn	TUE
4439kHz2030z	29/12[00351 00103 02232 62351] Very strong	(3m30s)	PLdn	THU
4639kHz2050z	29/12[00351 00103 02232 62351] Very strong	(3m30s)	PLdn	THU
5239kHz2110z	29/12[00351 00103 02232 62351] Very strong	(3m30s)	PLdn	THU

XSL

6250kHz 2042z	03/11 [Japanese Slot Machine] Very Weak QRN3 QSB3	Spectre	THU
6250kHz 2141z	04/11 [Japanese Slot Machine] Very Weak QRN3 QSB3	Spectre	FRI
6250kHz 2225z	05/11 [Japanese Slot Machine] Very Weak QRN4 QSB3	Spectre	SAT
6250kHz 2117z	10/11 [Japanese Slot Machine] Very Weak QRN3 QSB3	Spectre	THU
6445kHz 2044z	03/11 [Japanese Slot Machine] Very Weak QRN3 QSB3	Spectre	THU
6445kHz 2142z	04/11 [Japanese Slot Machine] Very Weak QRN3 QSB3	Spectre	FRI
6445kHz 2118z	10/11 [Japanese Slot Machine] Very Weak QRN3 QSB3	Spectre	THU

Digital, Incursions and Unexplained Signals

Welcome to the last column of 2011 and my thanks to all of those who have helped by either sending me logs , suggesting features and modes for the Rivet decoder or just helping out generally. I had hoped to make a little more progress with Rivet over the last few months but work and home commitments have really limited the amount of time I have been able to spend on it. As a result I have partly added a new mode that it now partly decodes but made very little progress with CROWD36 decoding.

The new mode goes by the technical names FSK 200/500 (in other words Frequency Shift Keying at a speed of 200 baud with a 500 Hz shift) and also FSK 200/1000 (the same again but with a 1000 Hz shift this time). Hans-Friedrich Dumrese sent a very interesting post to the group back on 10th September 2011 giving a frequency list and time table for stations using this mode he also suggested these stations may well be linked to Family 1B. Mike Chace-Ortiz also mentioned these stations in his excellent column in “Monitoring Times” magazine saying they had been around since the late 1990’s. Sadly this station doesn’t use the common Baudot code to encode its characters so all Rivet is able to do for now is display the FSK in a binary format. It has been suggested that these stations appear to send data in 288 bit blocks which may well suggest the data is Convolution coded for error correction which would also mean it isn’t immediately readable. I really need some help from other members with this station. First we need someone to work out the frequencies it uses (which change monthly) and its full timetable. This will enable us to look at the traffic and see what progress can be made. For instance Mike suggests that you can tell by listening if a null message is being sent. So it would be useful to see if there is any link between when null messages are sent by these stations and by other Family 1B stations. Likewise if a really long message is sent by another Family 1B station is a long message sent by this data station ? Once we know that we can establish if there really is a link. Thanks to UDXF member “linkz” we know the January 2012 frequencies for the FSK200/1000 station which transmits once a week ..

Tuesday	08:00	10175 KHz
Tuesday	08:10	8153.0 KHz
Tuesday	08:20	6807.0 KHz
Tuesday	14:00	14389 KHz
Tuesday	14:10	12216 KHz
Tuesday	14:20	10418 KHz

The FSK200/500 station has schedules every Monday and Tuesday but I don’t have the January frequencies for it yet I’m afraid. If you are interested in helping me with these stations please contact me directly.

Sadly I have little progress to report with CROWD36. The more I look at this the more I am convinced it is used purely in the link setup stage between Moscow Centre and a few far flung embassies. Once the link has been established I believe the actual message is send using OFDM. However I remain sure that the CROWD36 does contain some decodable and interesting information it just needs a little work. Regular E2K monitor Spectre has been busy logging CROWD36 and thanks to him we can confirm that the 14656 KHz 1300 weekday schedule is still active. In addition he has logged CROWD36 on the following frequencies which I haven’t seen it logged on before ..

14454kHz 0835z 08/12 [In Progress] 0837z Fair QRN3 QSB3 Spectre THU
 16167kHz 0839z 08/12 [In Progress] 0853z Fair QRN3 QSB3 Spectre THU
 16306kHz 0707z 08/12 [In Progress] 0719z Weak QRN3 QSB3 Spectre THU

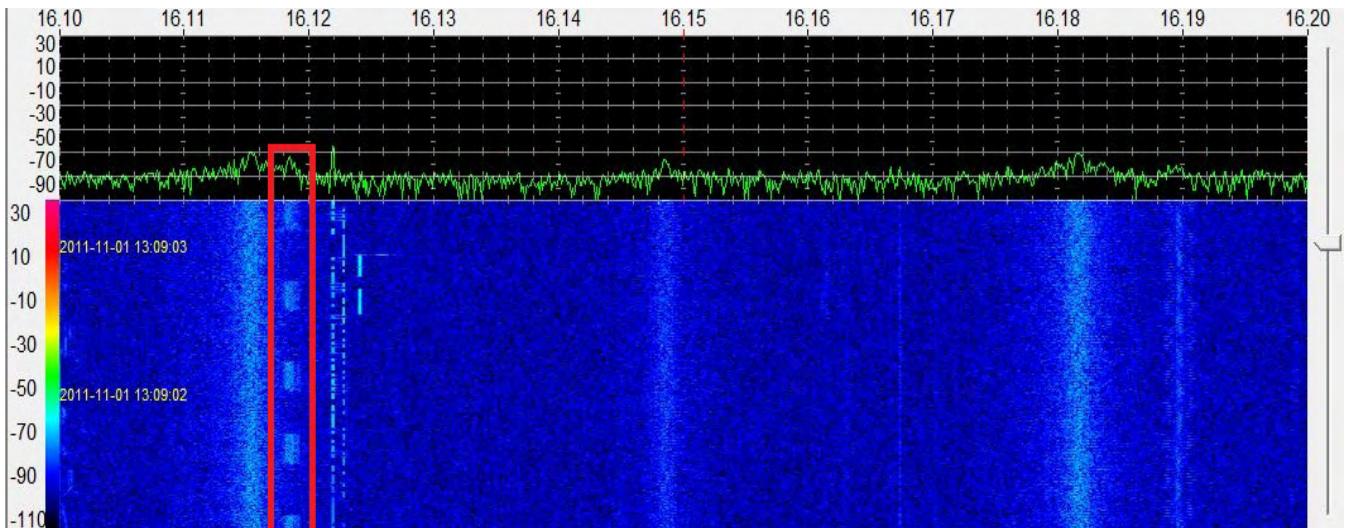
My thanks to Spectre for those.

My old friend Daniel in Argentina has been busy investigating a data signal new to this group which is used for communications between North Korean Embassies and the North Korean MFA. They are using a mode unique to North Korea which uses FSK (Frequency Shift Keying) at data rates of 600 baud and 1200 baud (depending presumably on the quality of the radio link). The system transmits data in bursts with the other side of link sending a data burst to confirm receipt then more data is sent. Daniel has found what appears to be a regular schedule operating on 16320 KHz at various times between 07:00 and 08:00. On the 8th December 2011 there seemed to be some kind of transmitter problem so at 09:10 the operators went back to using CW morse code and Daniel logged the entire exchange below ..

RYP RYP RYP V V V V V VRYP RYP RYP RYP RYP RYP RYP RYP

QSY 19503 QSY 19503
 RYP RYP RYP V V V V V V V V
 BK BK BK
 QSL Z K
 V (x18) BK QST I I I
 QSA WD K
 RYP 5 K V (x6)
 OK V
 R P T T T
 RPT K RPT K
 OK
 E T S
 OM T N T S
 TKS G B SK
 S I I O M T K S
 G B S K
 QSA 1 R P T K SK

I didn't hold out a lot of hope of hearing this schedule as I am located in Northern England its still dark until around 08:15 at the moment plus I suffer some QRM around 16 MHz from a neighbours plasma TV. However on 12th December 2011 I set my automatic system recording and left for work just after 07:00. When I got home and looked at the recordings I was rewarded with brief bursts of data between 07:05 and 07:11 that were characteristic of this North Korean data. This mode has also been logged on 16117 KHz and 17417 KHz and so its possible that there are more frequencies and schedules out there. We will be looking more closely at this mode in a future column so I welcome any further logs to the groups mailing list. Also my thanks to Daniel for all his work and investigations with this mode.



The screenshot above shows some 1200 baud North Korean FSK data on 16117 KHz (the data is marked with the red rectangle) when I recorded this image I didn't know what this data was. Many thanks to Leif D on the UDXF list for identifying it.

Jochen's transcript:

SWR3 contribution about numbers stations.

time of transmission: Tue, Oct 25th, ca. 1120 UTC (that's 1320 CEST), reporter: Anno Wilhelm:
 [Translation by Kopf]

Whenever both agents had to know, what their next job is, they turned the radio on. They got their orders via shortwave. Everybody could listen, also the "Bundesnachrichtendienst". On different frequencies, you can or could always hear monotone spoken groups of 5 numbers, beginning with an identification melody [then a sample of G04, beginning with the 3-note oddity, followed by "Achtung Achtung" and some 5-figure groups]. Everybody can listen to the messages, but only the persons, for whom they're made, can decode them. The agents possess not only a receiver, but also a codebook, comparable for example with TAN lists, which you get from your bank.

The number groups, that are transmitted via radio, are combined by the agents with the numbers from their book, and the message itself is hidden in the new created number group.

Like the TANs from the bank, the codes are unusual after transmitting them.

They are never used again in this special combination. It's a one-way system, and that's why it's uncrackable for agents' hunters in Germany. On this simple but effective way, already the GDR led their West agents. Also the West German BND informed spies in foreign countries via shortwave till 1999. Agents, who were placed for example in Germany before the re-unification, like the arrested couple, work in this way till today. But the main interest of the agents has changed strongly.

Today it less goes about the number of armor plates or the strength of soldiers in caserns, it more goes about patents, offices statistics, announcements or building plans.

The arrested man, a learned machine builder, is suspicious to have spied out office secrets at the car delivering company "Faurecia" in Hagenbach near Landau for many years.

"Faurecia" is one of the biggest car delivering companies in the world. It's specialized on car seats or complete exhaust systems, and it delivers all big car makers; the biggest customer is VW. The man had his last job in Balingen. Special interest in these informations of the industry have the Russians and the Chinese, says the report of the German Constitution's Protection ("Verfassungsschutz"). And also the technology changed with the years.

Assumedly, the work with number codes via shortwave is rare to find.

Note also that the spying couple has a daughter, the moderator of the whole transmission said in her introduction. Now we also know the house in Marburg-Michelbach, where the couple was arrested: Im Ewigen Tal 3 (you'd translate it as "In the Eternal Valley 3")

Thanks Jochen

PoSW's Items of interest in the media:-

Items of Interest in the Media:-

Death of a dictator - and of a former dictator's daughter:- December the 20th saw the news of the death of Kim Jong-il - ruler of North Korea - reported widely. A strange character to say the least, living in luxury himself while the population of North Korea exist on the verge of starvation and at the same time pulling out all the stops to acquire nuclear weapons.



"Hans Brix, you blaking my balls"



Hans Blix's fate ala 'Kim Jong III' *Note the strings*

Perhaps the fires of Hell are burning a little brighter these days. Mr Kim enjoyed a modicum of fame a few years back when he featured in puppet form in the film, "Team America: World Police", well worth a look - turns up on TV every once in a while.

Also reported, towards the end of November, was the death of Joseph Stalin's daughter, Svetlana. Joseph Stalin, for those who don't know, was the somewhat unpleasant ruler of the USSR for many years and no doubt a source of inspiration for Kim Jong-il, see above.

And unlikely as it may seem, there is a connection between Joseph and my part of the world because Svetlana's daughter - so that would be Stalin's granddaughter - went to school in the North Essex town of Saffron Walden, in the 1980s. I have often mentioned this to people over the years only to be met with disbelieving howls of derisive laughter - and of course, younger people have no idea who Stalin was; and in a similar vein they only know the name Churchill as a talking dog in a TV commercial for car insurance, and they probably think Roosevelt is a trendy American beer, alcohol by volume 3.8%, please drink responsibly. However, a piece in my local paper the *Weekly News* of 1-December confirmed I had got it right and my memory was not playing tricks. The headline says, "School link with daughter of Stalin who has died in the US", and continues, "Soviet dictator Joseph Stalin's daughter, who lived in Cambridge after defecting to the West in the 1960's has died.

Svetlana Alliluyeva, who was also known as Lana Peters, quit the Soviet Union in 1967 and became a best-selling author. She initially settled in the USA, in Wisconsin, but in 1982 moved to Cambridge, where she lived in a flat of the Chaucer Road home of a Cambridge professor.

Her American-born daughter, Olga, then a teenager, went to the Friends School at Saffron Walden.

Mrs Peters' defection caused huge embarrassment to Communist leaders in Moscow, and was a public relations coup for the US government. She was critical of the Communist regime, and claimed she left the Soviet Union because the authorities there had mistreated her then husband, Brijesh Singh. On her arrival in New York City in 1967, she said: I have come here to seek the self-expression that has been denied me for so long in Russia.' She published a memoir about her life in Russia called *Twenty Letters To A friend*, which was a big success. In it she described her father, who died in 1953 after ruling the nation for 29 years, as a distant and paranoid man.

Soviet premier Alexei Kosygin denounced her as a 'morally unstable' and 'sick person' and added: 'We can only pity those who wish to use her for any political aim or for any aim of discrediting the Soviet country.'

The defection came at a high personal cost. She left two children behind in Russia - Josef and Yekaterina - from previous marriages.

Her remarkable story took another twist when in 1984 she left Cambridge and returned to Moscow. At a press conference there, she told reporters that she 'felt like a prisoner in exile' while living in the West.'

She later returned to Wisconsin, became a US citizen, and died there, aged 85, of cancer.'

The "Friends School" in Saffron Walden, by the way, is an "independent", i.e. fee paying school outside the State education system, established by the Quaker "Society of Friends" many years ago. You need to have serious money to be able to send your kids there, unless he or she is exceptionally bright enough to win a scholarship. Never made it there myself, I went to the bog-standard County High across the other side of town - but I do recall we used to lust after the Friends School sixth-form girls in their smart green uniforms.

Albania – a post-Communist hell-hole of corruption run by gangsters of every variety, allegedly, soon to be a full member of the European Union which means that large numbers of the inhabitants of this poverty stricken cesspit will soon be heading to the United Kingdom to take full advantage of the British welfare system to which they will be fully entitled - and no politician in any of the three main political parties thinks this is a bad thing. Already Albanian criminals are reportedly well established here, especially in the nation's capital where they control much of the prostitution and people trafficking trade and are so known for their fearful violence and cruelty that the Metropolitan Police are afraid to go up against them and even if they do the Judiciary are scared of imposing long custodial sentences and deporting them. Just further examples of the lack of moral fibre in the Institutions which my generation were brought up to respect. So, then, it was no surprise to read a piece in the *Metro* newspaper of 8-December headlined, "Albanian spy chief on the run in Britain" which says:- "Albania's former intelligence chief is hiding in Britain as he tries to dodge extradition to his homeland where he faces torture and kidnapping charges.

Iliq Nazmi Kumbargo was due to appear at Westminster magistrates' court in London for an extradition hearing last Thursday but failed to attend. The 58-year old is accused of six offences of torture and abduction, including the kidnap of father-of-five Remzi Hoxha, who went missing in 1995. He has left his home in Fulham, west London, and police believe he is being harboured by friends.

'Although he does not pose a threat to members of the public, he is wanted in Albania,' said Detective Superintendent Pete Rance.

'The seriousness of his alleged crimes is the reason we want to find him. This is a high -profile international investigation that has involved public expense in the UK.'

Kumbargo claimed asylum in Britain 15 years ago by posing as a Kosovan refugee. Using the name Shaqa Shatri he was granted leave to remain and issued with a British passport.

He lived in a council house and his double life was only brought to an end in 2008 when he inadvertently used his real name to apply for welfare benefits.

Detectives, who had been looking for Kumbargo since June 2008 at the request of the Albanian government, were alerted and he was arrested three months later.

He has twice been granted bail since his capture despite objections from the Crown Prosecution Service which feared he may abscond."

Wars and rumours of wars:- Much speculation as to when the US/UK/Israeli attack on the Islamic Republic of Iran, and more specifically on the nuclear research facilities of that country, will take place. Things seemed to take a turn for the worse a few weeks back when an unruly mob broke into the British Embassy in Tehran and the British government expelled Iranian diplomatic personal from London in reprisal. Prime Minister Cameron has already indicated that Britain is ready, willing and able to take part in the forthcoming hostilities - although with the constant reduction in Britain's armed forces this will be somewhat limited in scope. Mr Cameron seems to be very pleased with himself following the perceived success of the recent campaign in Libya - don't rejoice too soon Mr C, things could still go horribly wrong - and he seems to be looking round at the Middle East and saying, "Now, who's next? He doesn't seem to be able to make up his mind as to whether Syria should be up for some intervention or not. It has long been the goal of the West to bring about "regime change" in Iran. The son of the last Shah of Iran has turned up being interviewed on TV news programmes several times in the past few years. He is living "somewhere in the USA", his exact location is not allowed to be revealed, and the impression is that here is a head of state in waiting. No doubt he expects his well-nourished backside to be firmly placed upon the Peacock Throne before too long. This would be a re-run of the events which took place in Iran in 1951 when the United States and Britain intervened in Iran to overthrow a government which had nationalised Western oil interests.

Confirmation of the current British government's willingness to do it all again was reported in the *Metro* of 3-November under the headline, "British plan for raids on nuclear Iran" and says, "British armed forces are stepping up preparations for potential military strikes on Iran as the country triples its nuclear enrichment programme.

Pressure is being increased by Britain after it emerged the middle-eastern state is making more nuclear material in centrifuges inside a heavily fortified military base in the city of Qom.

In anticipation of a potential attack, military planners are reported to be examining where best to deploy Royal Navy ships and submarines as part of what would be an air and sea-launched campaign led by the US.

The RAF could also provide air-to-air refuelling and some surveillance capability, should it be required.

A Foreign Office official told *Metro* last night: 'Iran's nuclear plans give the lie to its claim that its programme is purely for peaceful purposes - its plan to triple its 20 per cent enrichment capacity and move it to Qom do not have a plausible peaceful explanation. If Iran gets nuclear weapons it could destroy the prospects for peace in the Middle East.'

'There will be a real risk of a nuclear arms race and further conflict throughout the region.'

'The international system for preventing nuclear proliferation - the non-proliferation treaty - could unravel and the dangers we and other countries face will multiply.'

Last night the Ministry of Defence played down strike preparations, saying they have been in place for some time.

It said they were secondary to a dual track strategy of pressure and engagement for a 'negotiated solution' in order to avoid a regional conflict. However, one insider told *Metro*: 'We are worried about Iran's nuclear programme.'"

To end with, a sad "showbiz" story with a slight connection with the Kim Jong-il story.

One of the best TV series ever to come out of the USA was M*A*S*H, set in the Korean War, and ran on BBC TV in the seventies. The *Metro* of 8-December reported the death of the actor who played the part of Colonel Potter. "Col Potter dies at 96" is the headline and says, "M*A*S*H star Harry Morgan died yesterday aged 96. The actor, who won an Emmy for playing Col Sherman Potter in the long-running TV series, also featured in 50 films and a number of Broadway roles. Making his way to Hollywood in 1942 'without any assurance I would find work'. Morgan appeared on the gig screen opposite Henry Fonda, John Wayne, James Garner, Elvis Presley and Dan Aykroyd. He died at his home in Brentwood, California, after suffering from pneumonia.

Thanks Peter

Now onto other news items

Gizza Job

المطلوبية المتخصص العربي الإعلام
هـ من وهذا ، الماضي الزمن من مدى على عقدت
الأرض النفط الخروج على الأميركيين ساعدتم على الحصول في ترغب كنت إذا
فرصة هو الان
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Closing date: 14 December 2011.

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No degree asked for but all gob shut please!

Security at the Olympic games

MI5 gets ready for the starter's gun

Thwarting the terrorist threat that hangs over the London Olympics

Oct 15th 2011 | from the print edition

<http://www.economist.com/node/21532318>

THE clock counting down the minutes to the 2012 London Olympics in the foyer of the riverside headquarters of MI5 is a reminder that the agency is preparing for what one source calls “a monstrous challenge in terms of scale and speed”. Nearly all leave has been cancelled for that summer. Not surprisingly: it will be the first time that an Olympics has been held in a country where there is considered to be a high threat of terrorist attack. Only a few weeks ago, seven people from Birmingham were charged with terrorist offences.

Other agencies, not least the police, share responsibility for the security of the games. As well as terrorism, the authorities have identified public disorder, crime and “non-malicious hazards” (anything from summer flooding to an epidemic of infectious disease) as threats to their smooth running. But it is the magnet of the Olympics as the backdrop for a terrorist “spectacular”, or a series of smaller attacks, that is most dreaded, and which it is above all the job of MI5 to identify and disrupt.

The sheer size of the games is daunting. There will be teams from 205 countries, at least 120 heads of state and 50,000 journalists. Over 10m tickets will have been sold (including nearly 2m for the Paralympics) for events at 34 sites around the country. The activities stretch over most of the summer, from a ten-week torch relay beginning on May 19th to the closing ceremony of the Paralympics on September 9th.

Nor is it only the official venues that will require protection: hundreds of parallel events will attract large crowds, such as televised screenings in London parks. As well as taking the lead on counter-terrorism, MI5 is expected to provide daily briefings for its counterparts from other countries, and to ensure that none of the hundreds of thousands of accredited volunteer helpers is a security risk.

There are four main types of threat that MI5 is on the lookout for. Three of them are “business as usual” for the service: organised plots hatched by al-Qaeda or affiliated jihadist groups; an individual with an Islamist background intent on carrying out a “lone wolf” attack; an attempt by a rogue Irish republican group to do something attention-getting on the mainland. The fourth is an “imported problem”—dissident groups from other countries who see an opportunity to strike at the head of a hated government while he is in London.

At present, it seems MI5 has no credible and specific intelligence about any planned attack during the games, though al-Qaeda has been trying without success to pull off another spectacular since the London bombings on July 7th 2005. Of the four main threats, it is the lone individual, self-radicalised on the internet and with no suspicious contacts or record of activism, who is the hardest to identify and deal with: organised networks are vulnerable to penetration. And since the destructive rampage of Anders Behring Breivik in Norway that left nearly 80 people dead, it is no longer assumed that such a person may be capable of doing only limited harm.

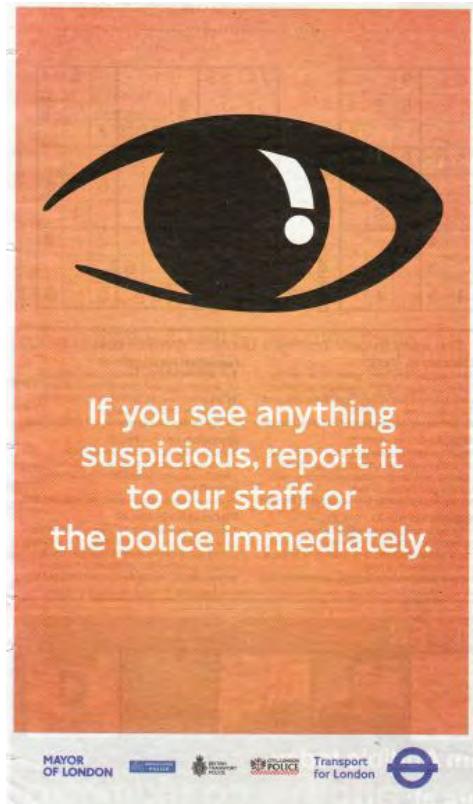
As the games draw closer, MI5 expects the number of intelligence leads to start mounting steeply, partly because other agencies will begin passing on “stuff” that they might normally ignore or filter. Even though most of the incoming intelligence may well be what is known as CRAPINT, the service is preparing to handle unprecedented volumes of material through a new sort of “leads triage” to determine priorities quickly. Big investments have been made in upgrading computer systems to speed up the processing of intelligence and the decisions that flow from it. The balance between gathering evidence for an arrest and acting promptly to disrupt a dangerous-looking plot will swing firmly towards the latter during the Olympics.

With seven years to prepare and an overall security budget for the games of £600m, MI5 is confident that it is as ready as it can be, and so too are the police and other agencies with which it works closely. But terrorists have also had seven years to refine their plans and, as the service warily says, not every threat can be stopped.

<http://www.economist.com/node/21532318> [Thanks E]

They're still working on us to to keep us scared witless; why are they under the opinion that we can find TfL staffs or Police when we want them?

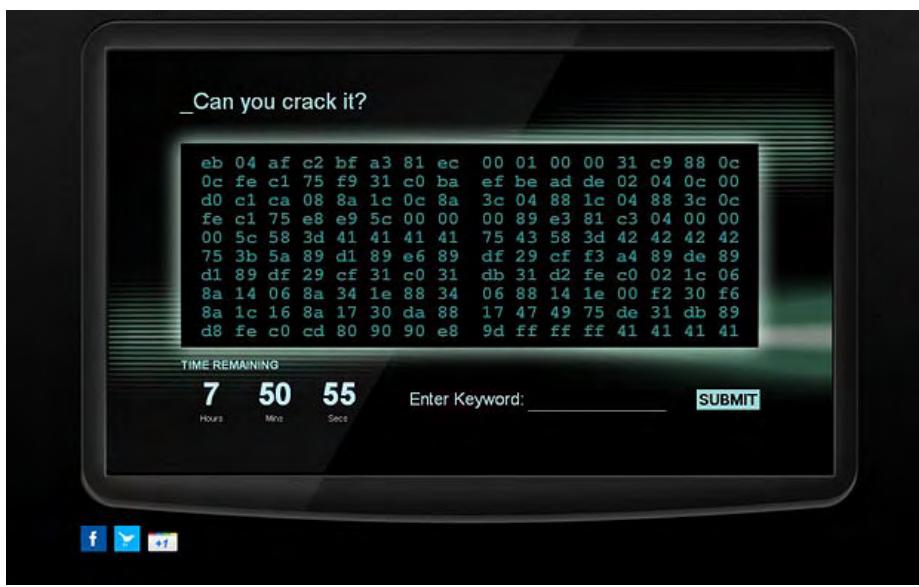
One thing is true; where suspicious persons and items need to be seen there really isn't anything quite like the Mk1 Human Eyeball.



GCHQ spy recruitment code solved

The code which GCHQ, the intelligence agency, posted online to recruit a new generation of tech-savvy spies has been solved within hours of going online.

<http://www.telegraph.co.uk/news/uknews/defence/8928134/GCHQs-search-for-new-generation-of-spies-goes-viral-on-Twitter.html>



Players are presented with a seemingly meaningless grid of 160 pairs of letters and numbers, and a countdown clock

By Katherine Rushton and [Andy Bloxham](#)

11:56AM GMT 01 Dec 2011

The agency told *The Daily Telegraph* that "a number of people" had solved the seemingly baffling grid of numbers and letters by noon on Thursday.

The feat was performed by the select few well within the deadline of midnight on the night of Sunday 11 December.

GCHQ declined to say how many people had cracked it or how quickly it had been done but it is understood that every individual who solves the problem will be offered a fast-track path to a job.

To be eligible for a job with the secret agency, however, the code-cracker must be a British citizen.

GCHQ introduced the puzzle - which contains no reference to the agency - to try to find people with the right skills for espionage in the computer age.

The viral campaign on Facebook and Twitter directs users to a website called "[Can you crack it?](#)"

Players who can crack a code are directed to the GCHQ website and invited to apply for a job. [*See later*]

After following the link, players are presented with a seemingly meaningless grid of 160 pairs of letters and numbers, and a countdown clock.

The game aims to attract a new generation of spies equipped with the right kind of mathematical skills to help Britain step up its security, in the face of "disturbing" levels of cyber crime.

"Code cracking skills are vital to secure the very best talent and to support the GCHQ mission in its fight against cyber threats," a GCHQ spokesman said. "Our target audience is not typically attracted to traditional advertising methods and may be unaware that we are recruiting for these kinds of roles."

"Their skills may be ideally suited to our work and yet they may not understand how they could apply them to a working environment, particularly one where they will have the opportunity to contribute so much."

"Traditionally, cyber specialists enter the organisation as graduates. However, with the threats to information and computer technology constantly evolving, it is essential that GCHQ allows candidates who may be self taught, but have a keen interest in code breaking and ethical hacking, to enter the recruitment route too."

GCHQ is looking to hire around 35 spies over the next few months, with expert code-breaking skills as well as other skills such as knowledge of rare languages.

The recruitment drive was launched after William Hague, the Foreign Secretary, disclosed an "exponential rise" in the number of cyber attacks, claiming there were now more than 600 "malicious" attacks on British government systems every day.

In October, Iain Lobban, who runs GCHQ, warned that the "UK's continued economic wellbeing" was under threat because sensitive data on government computers was being targeted. There was one particularly significant but unsuccessful attempt to steal data from the Foreign Office this summer, he said.

"We are witnessing the development of a global criminal market place — a parallel black economy where cyber dollars are traded in exchanged for UK citizens' credit card details," he added.

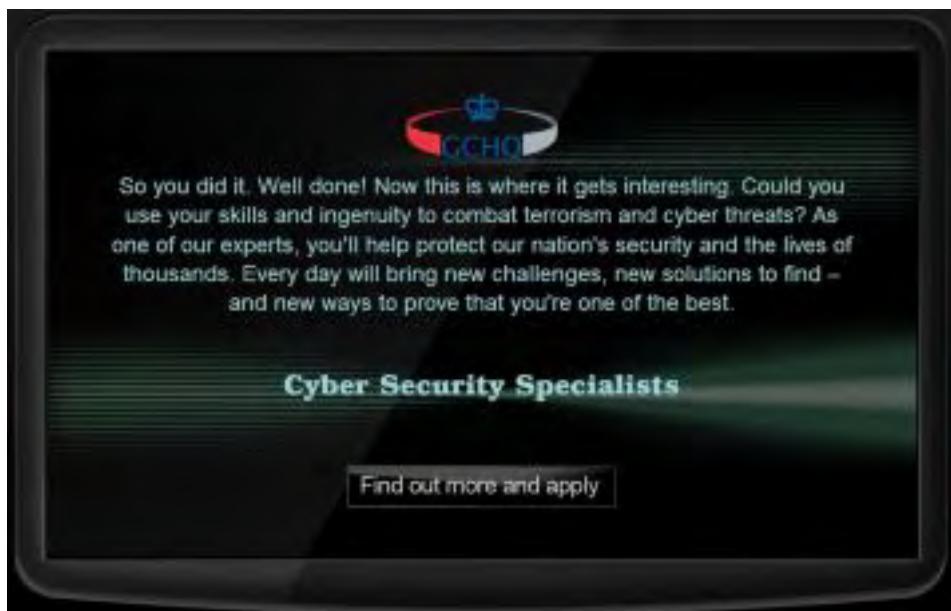
Cyber attacks on the UK's information technology systems were identified in last year's Strategic Defence and Security Review as one of the four most serious threats to national security, alongside terrorism, natural disasters and major accidents.

MI5 has been openly advertising for recruits since the 1990s. Historically, particularly bright students were invited for a "cup of tea and a chat" by the service.

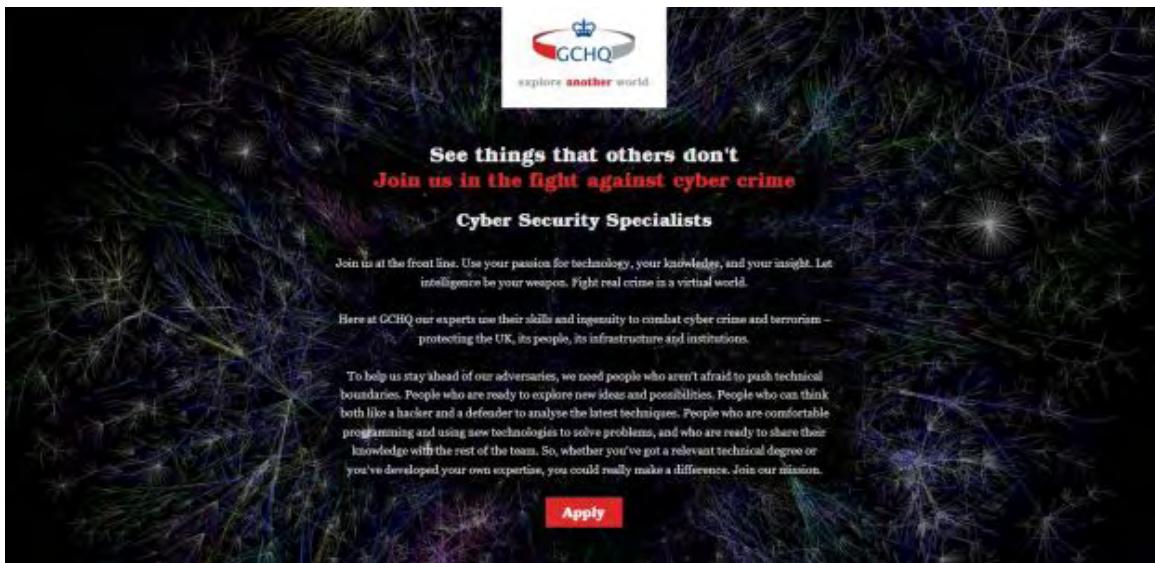
Gentlemen do not read each other's mail

<http://www.telegraph.co.uk/news/uknews/defence/8928134/GCHQs-search-for-new-generation-of-spies-goes-viral-on-Twitter.html>

So having cracked the code you are presented with this screen:



You opt to find out more, only to read:



You push 'Apply' and then, after a couple of hours hard slog you are taken to the grist:

Vacancy Details

CYBER SECURITY SPECIALIST

Ref CYBER/SEC/SPEC/11 PHASE 2
Region South West
Location Cheltenham
Salary £25,446 (GC10) £31,152 (GC9)
Discipline Cyber
Grade GC10/GC9

Closing date for applications is 12 December 2011

VACANCY DESCRIPTION

Cyber Security Specialist - GC10

Senior Cyber Security Specialist - GC9

GCHQ is at the forefront of the nation's cyber security strategy and is dedicated to ensuring our government can operate in cyber space with confidence. We are committed to staying ahead of the swift pace demanded by the evolving digital world.

In a game where our adversaries operate with no rules and unknown boundary lines, you will be exploring the possibilities and inventing the seemingly impossible. We need pioneers that can push the technical boundaries and cope with the unknown. Our work involves a journey to the very depths of operating systems, complex networks and IT security fundamentals.

REQUIREMENTS

We are looking for high calibre, enthusiastic and innovative individuals with strong technical skills. You need to be good at problem solving, delivering at pace and have the ability to work as part of a team.

QUALIFICATIONS

Graduate Level: We are looking for graduates with a minimum 2:1 degree in a STEM related subject (Science, Technology, Engineering and Mathematics), preferably with a significant IT component.

Experienced: We are looking for people with specialist knowledge, professional qualifications and/or practical experience gained in a formal or informal setting.

Please ensure if you are an existing Civil Servant or have been involved in Government work in any capacity that the responses on your application and the content within your CV remains at an Unclassified level.

RESPONSIBILITIES

Successful candidates will be engaged in a wide variety of roles where their problem solving skills will be key. The roles are across a number of areas within GCHQ's cyber mission, this is due to the wide remit we have to assist in the protection and defence of HMG and the Critical National Infrastructure. This remit includes the protection of government IT systems, carrying out research and development, discovering new threats, providing forensic, malware and intrusion analysis as well as being an expert in the wide variety of technologies used in the cyber world today and in the future.

We are not just looking for good people, we are looking for people who are, or have the potential to become, experts in their field. You will be using your technical expertise to pioneer solutions to complex problems, rather than just delivering to specification and as a result, you will often need to combine your technical skills with an enquiring mind.

ADDITIONAL INFORMATION

Salary

The starting salary for the GC10 position is £25,446.

The starting salary for the GC9 position is £31,152.

GCHQ reserves the right to assess candidates at both grades.

Your salary will be based upon working a 5 day week of 42 hours, including lunch intervals of 1 hour (37 hours net). A system of flexible working hours is in operation in most areas, dependant on business needs. Where available, this allows individuals to vary the times they start and finish work each day, enabling them to take up to 4 days additional leave ('flexi') per 4-week period.

GCHQ operates a non-consolidated performance related payment scheme which enables staff achieving prescribed levels of performance to attract the payment of a non-consolidated performance payment. Salary is paid in arrears by monthly transfer. Salary scales are reviewed annually in October.

Annual Leave

New entrants to GCHQ are given a basic holiday entitlement (otherwise known as 'leave') of 22 days per year, rising to 25 days after one years service.

After 10 years service your leave entitlement will rise to 30 days per year. GCHQ is flexible in the accrual of leave, enabling staff to carry over or anticipate annual leave from one year to another.

In addition, there are 10.5 days for public and privilege holidays.

Pension

When you join GCHQ you are eligible to join the Civil Service pension arrangements. We offer two types of pension:

- **NUVOS** - This is an occupational pension scheme that currently has a 3.5% member contribution rate. As your employer we meet the rest of the cost of the scheme.
- **PARTNERSHIP PENSION ACCOUNT** - This is a stakeholder pension with a contribution from your employer. How much we pay is based on your age. We pay this regardless of whether you choose to contribute anything. You do not have to contribute, but if you do, we will also match your contributions up to 3% of your pensionable earnings. The contributions are in addition to the age-related contribution mentioned above.

The Application Process

NOTE: Application is On-line only. You are encouraged to complete the application form thoroughly, as an invitation to the next stage is based on this information. We cannot, unfortunately, pursue those applicants who do not provide all the relevant information on the application form.

Please also ensure you maintain your 'Main Details' section with any changes to your contact details -especially your email address - as this will be our main method of communicating with you.

Fully completed applications are then subject to the processes described in the Selection Process section below. Candidate expenses may be payable to candidates attending an Assessment Centre or Interview.

Candidate Expenses

Applicants attending an Assessment Centre will have their qualifying UK incurred expenses paid, subject to a maximum 55 GBP for justifiable overnight accommodation, standard rail fares only or basic mileage allowance (15 pence per mile) if travelling by car. Details of how to claim will be provided by staff when you attend your assessment centre or interview. GCHQ does not pay claims for testing events.

YOUR PUBLIC PROFILE

GCHQ is an organisation that has secrets of crucial importance to the security, defence and economic wellbeing of the UK. Foreign Intelligence Services are active in this country and are targeting these secrets. They are interested in members of the security or intelligence agencies and, in particular, those at the start of their career.

To protect yourself and the UK's secrets, don't take everyone at face value. Be particularly wary of anyone who shows undue interest in your future job plans; think about the security aspects of what you do. For example, be mindful of how you present yourself on the internet - do not post on social networking sites that you have applied to GCHQ! Think twice before you tell anyone where you may be going to work! [Click here](#) to read further about how you should manage your public profile.

If you'd like some more advice about staying secure on social networking sites, [click here](#).

SELECTION PROCESS

Application

Application is on-line only; Closing date for the campaign is 12 December 2011.

Paper Sift

The initial paper sift of completed applications will be conducted by the Recruitment team to ensure applicants meet the minimum criteria and the nationality/residency requirements. (This sift also takes into account candidates who have declared a disability and who meet the minimum criteria).

Tests

Candidates successful at the sift stage will be invited to sit ability tests. Tests will be held in Manchester on 10 January 2012 and in Cheltenham on 14 January 2012

Assessment Centre

Applicants successful at the test stage will be invited to attend an assessment centre at GCHQ. The assessment centres are scheduled for 20 Feb to 09 Mar 2012. As part of the normal selection and vetting process you will also talk to a Vetting Officer and you will be required to take a drugs test at this time.

Note: Applicants who are selected to attend an Assessment Centre and will be expected to bring with them their Degree or Professional Qualification Certificates as detailed in the minimum entry requirements above. Applicants awaiting qualification results must provide evidence of their result before a formal offer of appointment can be made.

Your invite to attend an Assessment Centre will also contain guidance on how to obtain a Credit Check Reference Agency Report. Please bring your report to the Assessment Centre stage as this will help to speed up the Background Enquiry Process should you be successful.

Background Enquiry Process

If successful, you will progress to the next stage of the recruitment process where we enquire into nationality, health, security and other matters. A formal offer of appointment cannot be made until these enquiries have been satisfactorily completed. This stage takes, on average, 3 - 5 months (but can be longer).

GCHQ operates a strict policy on the use of illegal drugs and the misuse or abuse of legal drugs.

Contacting Your Employer

As part of the background enquiry process and before the granting of any security clearance can be considered, a representative from our Personnel Security will need to contact your current employer. This is normally towards the end of the background enquiry process after your consent to contact them has been sought.

Joining

Upon successful completion of background enquiries, candidates will be given a formal job offer. The Recruitment Team will call or email you to arrange a mutually convenient date to start work at GCHQ and will issue the relevant paperwork. All new entrants begin their careers by attending an induction course (run monthly).

Deployment

The roles available in the department are wide and varied. GCHQ will aim to identify people to work in specific areas from the very first stages of the recruitment process. Therefore you will need to ensure you answer all questions as honestly and comprehensively as you can. Every stage of the recruitment process is aimed at identifying the skills and competencies that GCHQ can best use. This could mean that you have a preference for one particular area of work but GCHQ places you in another. This is in recognition of the fact that GCHQ has identified you have aptitude in skills that match to other business areas needs. Therefore, your first posting is likely to be for a minimum of 3 years, in line with the departmental standard; after this you will be able to express a preference for subsequent roles.

From Peter Staal, an excellent breakdown of events surrounding the activities of Erwin van Haarlem:

Quarly summary BVD - Q4 - 1989 translated by Peter Staal

Index:

1 - International political developments the turnover in the DDR \ interim review

2 - Activities of foreign intelligence- and security services

- Eastern European espionage in a changing political context
- Erwin van Haarlem. An "illegal" from the Czechoslovakian intelligence service.

3 - Anti-democratic currents?

4 - Political (violent) activism

- the anti-emperialistic undercurrent within the Dutch political activist movement
- squatting activism. Clearing Tesselchadestraat, Amsterdam
- Cooperation-agreement MARINEE
- Action-committee Shell from South-Africa

5 - Terrorism

- RAF (rote armee fraction) attack on the president of the "Deutsche Bank".
- Developments in dissident Palestinian organisations

6 - Minorities

Great unrest in Suriname resistance

----- page 23 -----

Erwin van Haarlem, ILLEGAL FROM THE CZECHOSLOVAKIAN INTELLIGENCE SERVICE

Introduction

Saturday morning on April 2 1988 the Dutchman Erwin van Haarlem was arrested in his flat in North London.

At the time of his arrest he was busy receiving a coded message, sent from Prague.

Two days later Van Haarlem later transferred to the Ministry of Justice as a suspect for violation of Article 7 (espionage) of the "Official Secrets Act 1920".

The case against Erwin van Haarlem was held on March 1989 before the Old Bailey in London.

He was sentenced to 10 years imprisonment, to after that be followed-up by deportation from the United Kingdom.

Van Haarlem was an "illegal" of the Czechoslovakian intelligence service.

Cause

The investigation in this case began in April 1986 after a possible chance of contact was observed between Van Haarlem and a London resident who was a suspected Soviet intelligence officer of the GRU.

Initially Van Haarlem was a suspected agent of the Soviet Military Intelligence GRU. However, as more became known about his background it became clear that they were dealing with an "illegal."

Van Haarlem's background

Erwin van Haarlem was born in August 24, 1944 in a home for unwed mothers in Amsterdam.

His mother, [CENSORED], came from a strict religious family, that was heavily oriented towards the NSB (National Socialist Movement / Nationaal-Socialistische Beweging) in The Netherlands.

In that situation there was a short relationship with a German soldier of Polish origin that led to her pregnancy. Before birth, this soldier was transferred to France where he was killed in battle at Caen.

She was because of her extramarital pregnancy disowned by her parents.

In October 1944, fearing the consequences of her collaboration with the Germans she fled with her sister and child to Germany where, after wanderings she ended up in the Sudetenland.

The sisters were going to work in the war industry and she, who could no longer take care of her baby, left it at an orphanage in Teplitz.

After the war she returned to The Netherlands; Erwin was left-behind at the orphanage.

In the following years correspondence came through the Red Cross about the future of Erwin.

Under pressure from her parents she placed Erwin with foster parents in 1947.

The last thing that was heard about the real Erwin van Haarlem was is adoption.

Make up of legend

As the investigation has determined; the Czechoslovakian intelligence service has began with preparations for the legend of this illegal Erwin van **Haarlem** in

1970

In April of that year an inquiry, by request of the Czechoslovakian service, was instigated in Opole, the former residency of Erwin's biological father. [CENSORED]'s data was then removed from the population register.

In September 1972 "Erwin van Haarlem" travelled, with a Czechoslovakian passport in his possession and with the permission of the Czechoslovakian authorities, to Austria to specialize himself for a couple of years in the hotel industry.

Six months later he wrote a letter to Her Majesty the Queen where he describes his personal circumstances and requests to be granted the Dutch nationality.

Administrative inquiry showed that an "Erwin van Haarlem" on August 24 1944 was born in Amsterdam as a illegitimate child of a Dutch mother and got the Dutch nationality by birth and that he had never lost it.

On June 4th 1973 a Dutch passport was handed out to (the illegal) Erwin van Haarlem.

Settlement in the United Kingdom

Erwin van Haarlem in 1975 became employed in [CENSORED] and settled in London.

During 10 years Van Haarlem worked at two branches of [CENSORED]. He rose from bar-tender to import chief and was a respected colleague.

In the period of July - October 1984 he left [CENSORED] temporarily to start a small store for himself.

In July 1985 he filed his resignation for October that same year. In that same time he changed from a rental apartment to a bought apartment, where he started his new business: an art trade.

Investigation into the activities of Van Haarlem

Soon it appeared that Van Haarlem, although he had some artistic talent, knew very little about the trade of art.

His business hardly enabled him to make a living. Most of his time he spent at home, watching television. He didn't have any good friends, except for his bookkeeper and a doctor, both Jewish and who were his only acquaintances.

Since 1979 Van Haarlem showed an interest in Jewish subjects.

He became a member of several organisations who supported Russian "refuseniks" and predominantly maintained correspondence in Russian.

To his Jewish contacts he was keeping up appearances that he himself was half Jewish who left the CSSR (Czechoslovakia) in 1968/69 as a refugee.

He opened 2 bank accounts in 2 different Israeli banks. After that his activities increased and travelled on behalf of different organisations to countries including Israel, the USA and the USSR.

Trips

Besides the before mentioned trips Van Haarlem was going on business trips about twice a year to West-Germany, Austria or Switzerland.

Upon return he had large amounts of money at his disposal, that he deposited this money in several bank accounts.

[CENSORED]

It would be impossible that this money came from his employment at [CENSORED] or his art trade.

Arrest

On November 1987 it became apparent that there was a certain pattern in Erwin van Haarlem's lifestyle.

He was, for example, at home every Saturday morning at the time a radio coded-message was transmitted from Prague.

Till now it was assumed that Van Haarlem was working for the Russian secret service.

The knowledge that Van Haarlem, having a glance at the reception of coded messages from Prague and was probably a Czechoslovakian illegal, led to a more focused investigation.

Although only little was known about Van Haarlem's actual intelligence activities it was decided to arrest him before his next trip to the mainland.

This opportunity arose on April 2nd 1988.

Scotland Yard Special Branch personnel entered his apartment Saturday morning on the moment when he was receiving coded message from Prague

Van Haarlem, who was totally flabbergasted, fell from his chair and lost his radio-earpiece from which Morse code clearly sounded.

Immediately after his arrest Van Haarlem assisted Scotland Yard in their initial assessment of his apartment.

On his directions cipher material was found, hidden in a bar of soap, between brackets in his meter cabinet.

On this last spot was also a draft intelligence report found.

Erwin van Haarlem, who did not use his false Dutch identity, claimed to be Czech and asked the Czechoslovakian Embassy in London to be notified of his arrest.

Shortly after his arrest he was transferred to a police station where he gave his first testimony based on his legend.

At the time compromising questions were being asked he became silent and refused every sort of cooperation.

From his bookkeeping-records it was ascertained that Van Haarlem "puts" his intelligence reports in magazines.

Research on "Secret Writing" on 2 copies, who were ready for delivery, turned out negative,

N.B.: The Czechoslovakian intelligence service is known for using these advanced shortwave-techniques.

The Trial

During the trial the defense argued that the suspect had not been conducting suspicious activity that focused against interests of the United Kingdom.

The prosecutor opposed that by stating that Van Haarlem, through his contact with the Czechoslovakian intelligence service, could have bring great harm to national security.

The evidence that was submitted showed that Van Haarlem was the recipient of 200 operational coded messages during the period 1975 - 1988. There was no doubt about his false identity.

The sentence was in accordance with the demand of the prosecutor.

Thanks Peter

Chart Section Index

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2. European Number Systems
3. Prediction Chart
4. M01, M01b and M45 Schedules
5. M12 December 2011 and Yearly repeat schedules
6. Family 1a History and predictions
7. Family 1b [E07]
8. Family III
9. G06
10. S06s Regular Schedule
11. Cuban Schedules, November and December 2011
12. XPA Polytone Schedules, November and December 2011
13. European Counting Systems from '5Z4'

Logging Abbreviations explained.

The ENIGMA 2000 Standard logging should take this form without any personalised abbreviations:

E07 10436kHz 1740z 07/06[414 1 563 102 92632 ... 09526 0 0 0 0 0 0] 1753z Fair QRM2 QSB2 PLdn SUN

Station:	E07	[Traits of stations in ENIGMA Control List]
Freq:	kHz	[As above 10436kHz]
Time:	z	[Always 24hour clock, 'z' states GMT/UTC]
Date:	day/month	[As above 7 th June]
Msg detail:	Varies with station	
	ID taken from 100kHz fig in freqs:	414 [freqs used in this schedule were 13468, 12141 and 10436kHz]
	Msg count	1
	Dk [decode key]:	563
	Gc [group count]:	102
	First group of msg:	92632
	Text between grp's:	...
	Last group:	09526 [where more than one group is stated the use of LG ahead group indicates 'Last Group.']}
	Ending:	0 0 0 0 0 0
	Time msg ends:	1753z
	Received signal strength assessment:	Fair
	Noise	QRM2
	Fading to signal	QSB2
Monitor:	PLdn	
Day heard:	SUN	
Unknown:	unk	
Repeat:	R	[which can be expanded to mean]:
Repeated :	R5m	[repeated 5 mins]; R5s[repeated 5seconds], R5x [Repeated 5 times]

Received signal strength assessment.

Some receivers possess 'S' meters that give a derived indication of signal strength caused by changes within that receiver. Calibration may, or may not be accurate and the scale, may or may not, be the same as that on other receivers. Some receivers have no meter yet produce acceptable results.

Therefore we prefer the quality of the signal to be assessed by the particular monitor.

Guidance for this can be sought from the Q code:

QSA What is the strength of my signals (or those of...)?

The strength of your signals (or those of...) is...

- 1) scarcely perceptible.
- 2) weak.
- 3) fairly good.
- 4) good.
- 5) very good.

[QSA1 S0 to S1; QSA2 S1 to S3; QSA3 S3 to S6; QSA4 S6 to S9; QSA4 S9 and above]

Sooner than put a numerical value we state: Very Weak, Weak, Fair, Strong or Very Strong.

Noise, Static and Fading.

Again guidance from the Q code:

Noise:

QRM Are you being interfered with?

I am being interfered with

- 1) nil
- 2) slightly
- 3) moderately
- 4) severely
- 5) extremely.

Note: in the sample the monitor has stated QRM2 which means 'slight noise'; had the interference been from a broadcast station you might have read 'BC QRM2' and so on.

Static [Lightning and other atmospheric disturbance]:

QRN Are you troubled by static?

I am troubled by static

- 1) nil
- 2) slightly
- 3) moderately
- 4) severely
- 5) extremely.

Fading [Propagational disturbance]

QSB Are my signals fading?

Your signals are fading

- 1) nil
- 2) slightly
- 3) moderately
- 4) severely
- 5) extremely.

Note: in the sample the monitor has stated QSB2 which means 'slight fading' where the received signal obviously fades but the message is still intelligible.

The use of QRM1, QRN1 and QSB1 is not expected; if there is no such aberration to the signal it need not be stated.

Day Abbreviation

Self explanatory: SUN, MON, TUE, WED, THU, FRI, SAT

Mode used in transmission

Generally the mode of transmission is not stated, being available in the ENIGMA Control List. Should the expected mode change then this can be stated as: CW [Carrier Wave] MCW[Modulated Carrier Wave] ICW [Interrupted Carrier Wave] generally associated with Morse transmission; AM [Amplitude Modulation], LSB [Lower Sideband], USB[Upper Sideband] generally associated with Voice transmission.

Languages used

The ident of a station generally states the language in use, E [English], G[German] S [Slavic], V[All other languages].

Non voice stations

M [Morse and TTY] SK [Digital modes] X [Other modes]

Ideally we would like to see logs offered in our standard format allowing the editorial staff to process the results quickly rather than having to manually re-format. Anyone submitting logs should refrain from using their own abbreviations or shortening our abbreviations eg. Su Mo Tu etc.

See a correct example below which is now self explanatory:

V02a 5883kHz 0700z 06/06[A63752 57781 31521] Fair QRN2 end uk PLdn SAT

And the incorrect version:

V2a 5883k 07:00 06/06/2009 A/63752- 57781- 31521 S3 PLdn SA

Additional Info:

Own station idents should not be used.

When an unidentifiable station is submitted please supply the obvious details:

Freq, Time start and end, Date, Message content, particularly preamble and message content and ending. Language details are helpful, particularly any strange pronunciations.

Other details about stations can be found in the ENIGMA Control List available from Group files or sent when you joined.

European Number Systems

English	zero	one	two	three	four	five	six	seven	eight	nine
Bulgarian	nul	edín	dva	tri	chétiri	pet	shest	sédem	ósem	dévet
French	zero	un	deux	trois	quatre	cinq	six	sept	huit	neuf
German^	null	eins	zwei	drei	vier	fünf	sechs	sieben	acht	neun
Spanish	cero	uno	dos	tres	cuatro	cinco	seis	siete	ocho	nueve
Czech	nula	jeden	dva	tr <i>á</i> i	chtyr <i>á</i> i	pět	shest	sedm	osm	devět
Polish	zero	jeden	dwa	trzy	cztery	pie,c'	szes,c'	siedem	osiem	dziewie,c'
Romanian	zero	unu	doi	trei	patru	cinci	s,ase	s,apte	opt	nouâ
Slovak*	nula	jeden	dva	tri	shtyri	päť	shest'	sedem	osem	deväť
* West	nula	jeden	dva	try	shtyry	pet	shest	sedem	ossem	devat
* East	nula	jeden	dva	tri	shtyri	pejc	shesc	shedzem	osem	dzevec
Serbo-Croat	nula	jèdan	dvâ	trî	chètiri	pêt	shêst	sêdam	òsam	dëve:t
Slovene	nula	ena	dva	tri	shtiri	pet	shest	sedem	osem	devet
Russian	null	odín	dva	tri	chety're	pyat'	shest'	sem'	vósem'	dévyat'

[^] Some German numerals have a radio accent. The numbers in question are:

2 ZWEI pronounced by some TXs, as TSWO .

5 FUNF some pronounce it as FUNUF poss hrd as a fast TUNIS

9 NEUN pronounced by some as NEUGEN.

This is totally in keeping with some German armed forces stations and corresponds to our WUN, FOWER, FIFE, NINER

Arabic Numerals [E25 and V08]

English	zero	one	two	three	four	five	six	seven	eight	nine
0	1	2	3	4	5	6	7	8	9	
Arabic	sifr	wahid	itnien	talata	arba	khamsa	sitta	saba	tamanya	tissa
	٠	١	٢	٣	٤	٥	٦	٧	٨	٩

Numeral systems used on selected Slavic Stations [Stations apparently discontinued]

	S11a Cherta	S11 Kreska	Actual Polish[S11]	S10d	S17c
0	nul	zero	zero	Nula*	Nula*
1	adinka	yezinka	jedynka	Jeden^	Jeden^
2	dvoyka	dvonta	dwójka	dva	dva
3	troyka	troika	trójka	tri '	tri '
4	chetyorka	chidiri	cztery	shytri	shytri
5	petyorka	peyonta	piątka	pyet	pyet
6	shest	shes	sześć	shest	shest
7	syem	sedm	siedem	sedoom	sedoom
8	vosyem	osem	osiem	Osoom~	Osoom~
9	dyevyet	prunka	dziewięć	devyet	devyet

Notes: * Nula heard as nul

^ Jeden heard as yedinar

' Tri heard as 'she'

~ Osoom often heard as bosoom or vosoom.

Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC	wk	Stn	Fam	Jan kHz, ID, ...	Feb kHz, ID, ...
				x	x		0130/0230		E06	01A	5783/ 4489 759	5845/ 4820 759
	x		x				0440/0500/0520		M12	01B	4443/ 5043/ 5843 408	5872/ 6772/ 7672 876
x							0450		E11	03	5082 416/00	5082 416/00
	x						0530/0540		S06S	01A	9435, 11075 153	9435, 11075 153
		x					0530/0550/0610		E07A	01B	5146/ 5846/ 6846 188	5146/ 5846/ 6846 188
	x		x				0545		E11	03	348/00, search	348/00, search
			x				0600/0610		S06S	01A	5460/ 934, search	5460/ 934, search
		x	x				0600/0700		E06	01A	/15810 139, search	/17470 702, search
x		x					0645		E11	03	7840 517/00	7840 517/00
					x	0700		M01	14	5465 197	5465 197	
			x				0700/0710		S06S	01A	7150/ 8215 169	7150/ 8215 169
x							0700/0710(15)		S06S	01A	5250/ 6320 374	5250/ 6320 374
			x				0700/0720/0740		M12	01B	9138/10538/12138 138	9338/10638/12138 238
x			x				0710		E11	03	10800 633/00	10800 633/00
x		x					0745		E11	03	16112 335/00	16112 335/00
		x					0800		E17Z	01A	11170, 9820 674	11170, 9820 674
x							0800		G06	01A	5363 215	5363 215
x							0800/0810		S06S	01A	10265/ 9135 352	10265/ 9135 352
x	x						0800/0810		S06S	01A	5810/ 7440 418	5810/ 7440 418
x	x						0800/0820/0840		E07	01B	5416/ 5816/ 6916 489, search	5867/ 6767/ 7367 873
x	x						0800/0820/0840		M12	01B	14736/13536/12136 751	17427/15827/14527 485
x		x					0820		E11	03	7317 438/00	7317 438/00
		x		x		x	0820		M03	03	4828 761/00	4828 761/00
	x						0820/0830		S06S	01A	6880/ 7840 471	6880/ 7840 471
x		x					0830		E11	03	9446 649/00	9446 649/00
	x						0830/0840		S06S	01A	7335/11830 745	7335/11830 745
		x					0840/0850		S06S	01A	9260/11415 328	9260/11415 328
x	x						0900		E11	03	9446 534/00	9446 534/00
		x		x		x	0900		E11	03	4441 248/00	4441 248/00
		x					0900/0910		S06S	01A	12952/13565 167	12952/13565 167
x			x				0915		S11A	03	7504 484/00	7504 484/00
	x	x					0930		E11	03	9079 270/00	9079 270/00

Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC	wk	Stn	Fam	Jan kHz, ID, ...	Feb kHz, ID, ...
				x			0930/0940		S06S	01A	11780/12570 516 9445/10195 search	11780/12570 516 9445/10195 search
x		x					0940		G11	03	6480 275/00	6480 275/00
	x						1000/1010		S06S	01A	12365/14280 729	12365/14280 729
x		x					1015		S11A	03	12530 475/00	12530 475/00
	x		x				1020		S11A	03	9610 426/00	9610 426/00
	x		x				1020		S11A	03	6433 221/00	6433 221/00
x	x						1045		E11	03	8091 469/00	8091 469/00
x				x			1045/1050		E11	03	4441 127/00	4441 127/00
x	x	x					1115		M03	03	4828 272/00 (Tue) & 650/00 (Wed/Thu)	4828 272/00 (Tue) & 650/00 (Wed/Thu)
				x			1120/1220	2	E06	01A	6946/ 5913 829	6946/ 5913 829
x				x			1135/1140		M03	03	5358 786/00	5358 786/00
	x	x		x			1155		E11	03	15632 718/00	15632 718/00
x							1200		G06	01A	4778 439	4778 439
	x						1200		G06	01A	215, search	215, search
x							1200/1210		S06S	01A	7030/ 6305 481	7030/ 6305 481
	x						1200/1210		S06S	01A	10580/9950 (12155/10920) 425	10580/9950 (12155/10920) 425
	x			x			1200/1210		S06S	01A	8680/ 8260 254	8680/ 8260 254
x							1230/1240		S06S	01A	5810/ 6770 278	5810/ 6770 278
x	x						1230/1240		S06S	01A	4580/ 6420 967	4580/ 6420 967
	x			x			1230/1240		S06S	01A	7865/ 5310 314	7865/ 5310 314
x				x			1240		E11	03	4958 349/00	4958 349/00
	x			x			1300		G06	01A	215, search	215, search
x							1300/1320/1340		M12	01B	12217/11117/10417 214	12217/11117/10417 214
x							1300/1310		S06S	01A	8420/10635 831	8420/10635 831
	x		x	x		x	1320		M03	03	4828 437/00	4828 437/00
	x		x	x			1325		G11	03	6433 299/00	6433 299/00
x				x			1355		S11A	03	4441 254/00	4441 254/00
x				x			1400		E11	03	10690 98#/00	10690 98#/00
	x		x				1400/1410		S06S	01A	5320/ 4845 624	5320/ 4845 624
x			x			x	1400/1420/1440		XPA	01B	5867/ 5467/ 4567	5767/ 5267/ 4467
	x		x	x		x	1445		E11	03	4441 267/00 (287/00?)	4441 267/00 (287/00?)

Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC	wk	Stn	Fam	Jan kHz, ID, ...	Feb kHz, ID, ...
					x		1500		M01	14	5810 197	5810 197
	x						1500/1510		S06S	01A	5070/ 6337 537	5070/ 6337 537
	x			x	x		1535		M03	03	5358 798/00	5358 798/00
x						x	1540		E11	03	228/00, search	228/00, search
x		x					1600		E11	03	12153 64#/00	12153 64#/00
				x			1600 (1605)		S06	01A	7728/ 6788 134	7728/ 6788 134
x							1600/1610		S06S	01A	7436/ 6668 176	7436/ 6668 176
		x					1505		M01B	14	5938 159	5938 159
			x				1615		M01B	14	5810 158	5810 158
x							1700	1/2	G06	01A	3854 439	3854 439
	x					x	1700/1720/1740		E07	01B		4587 439
		x					1730		E11	03	5082 416/00	5082 416/00
x					x		1755		G11	03	6433 270/00	6433 270/00
x							1800	1/2	G06	01A	4587 439	4587 439
x	x	x					1800		M01	14	5320 197	5320 197
x							1800		S06	01A		3645 617
	x						1800 (1805)	1/2	S06	01A	3540/ 3160 471	3540/ 3160 471
x		x					1800/1820/1840		M12	01B	9176/ 7931/ 6904 257	9176/ 7931/ 6904 257
	x				x		1800/1820/1840		E07	01B	6774/ 5836/ 4893 788	7697/ 6863/ 5938 689
	x						1800/1820/1840		M12	01B	8047/ 6802/ 5788 463	8047/ 6802/ 5788 463
x	x	x					1802		M45	14	3525, 4025 525	3525, 4025 525
x							1820		M14	01A	4636 186	4636 186
		x					1830	2/4	G06	01A	4519 271	4519 271
x		x			x		1830/1850/1910		M12	01B	8192/ 7692/ 6792 167	10476/ 9276/ 8176 421
x	x	x					1842		S21	14	3323, 3823 323	3323, 3823 323
		x		x			1855		E11	03	3838 262/00	3838 262/00
x		x		x			1900 (1905)		S06	01A	3192/ 3838 349	3192/ 3838 349
	x		x				1900/1910		S06S	01A	8530/ 7520 371	8530/ 7520 371
x		x					1900/1920/1940		M12	01B	9176/ 7931/ 6904 257	9176/ 7931/ 6904 257
		x		x			1900/1920/1940		M12	01B	10343/ 9264/ 8116 124	10343/ 9264/ 8116 124
x	x	x					1900/1920/1940		XPA	01B	7891/ 6791/ 5391	8123/ 7523/ 6823
x							1910		M01B	14	2435, 3519 853	2435, 3519 853

Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC	wk	Stn	Fam	Jan kHz, ID, ...	Feb kHz, ID, ...
		x					1920/2020	2	E06	01A	4523/ 3892 829	4523/ 3892 829
		x					1920	2/4	M14	01A	4761 748	4761 748
			x				1930	2/4	G06	01A	4792 436	4792 436
				x			1930 (1935)		S06	01A	3209/3842 366	3209/3842 366
		x					1932		M01B	14	2466, 3545 910	2466, 3545 910
			x		x		2000		G11	03	4441 262/00	4441 262/00
	x	x					2000		M01	14	4490 197	4490 197
x	x						2000/2020/2040		E07	01B	6982/ 5882/ 5182 988	7724/ 6924/ 5824 798
x		x					2000/2020/2040		M12	01B	9176/ 7931/ 6904 257	9176/ 7931/ 6904 257
			x	x			2000/2100	1/3	M14	01A	3825/ 4470 724	4830/ 4471 724
				x			2002		M01B	14	2655, 3197 866	2655, 3197 866
x							2015		M01B	14	2427, 3205 375	2427, 3205 375
		x					2030		E06	01A	4836 321	4836 321
			x				2030/2130		S06	01A	4859/ 4024 703	4859/ 4024 703
		x					2042		M01B	14	2485, 3160 382	2485, 3160 382
	x						2100/2120/2140		E07A	01A	5864/ 5164/ 4564 815	5864/ 5164/ 4564 815
		x					2110		M01B	14	2405, 3180 610	2405, 3180 610
	x						2110/2130/2150		E07	01B	6777/ 5449/ 4483 774	6777/ 5449/ 4483 774
x							2115/2215	2/4	S06	01A	6920/ 5180 121, search	6965/ 5320 684, search
			x				2130		E06	01A	4760 472	4760 472
	x						2200/2220/2240		M12	01B	5361/ 4461/ 340, search	5429/ 4629/ 4029 460

M01 M01b M45 Frequency Schedule 2009

M01 Sunday

	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sept	Oct	Nov	Dec
ID	197	197	463	463	025	025	025	025	463	463	197	197
0700	5464	5464	6508	6508	6780	6780	6780	6780	6508	6508	5464	5464

M01b Monday

	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sept	Oct	Nov	Dec
ID				420	364	364	364	364	420	420		
1810				3535	5125	5125	5125	5125	3535	3535		
//				4590	5735	5735	5735	5735	4590	4590		
ID	853	853	420								853	853
1910	2435	2435	3535								2435	2435
//	3520	3520	4590								3520	3520
ID				771	858	858	858	858	771	771		
1915				3644	5150	5150	5150	5150	3644	3644		
//				4454	5475	5475	5475	5475	4454	4454		
ID				298	729	729	729	729	298	298		
2010				4991	5815	5815	5815	5815	4991	4991		
//				5336	6769	6769	6769	6769	5336	5336		
ID	375	375	771								375	375
2015	2427	2427	3644								2427	2427
//	3205	3205	4454								3205	3205
ID	136	136	298								136	136
2110	4615	4615	4991								4615	4615
//	5065	5065	5336								5065	5065

M01 Tuesday/Thursday

	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sept	Oct	Nov	Dec
ID	197	197	463	463	025	025	025	025	463	463	197	197
1800	5320	5320	5474	5474	5280	5280	5280	5280	5474	5474	5320	5320
2000	4490	4490	5017	5017	4905	4905	4905	4905	5017	5017	4490	4490

M12 Log1 Dec 2011

Brian - S.E. England

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Thu 1	0440	4443	0500	5043	0520	- - -	408	00 0	
	0730	5284	0750	5784	0810	- - -	277	00 0	
	1700	9176 [^]	1720	7931	1740	6904	257	3871	89
	1700	10343 [^]	1720	9264	1740	8116	124	6135	70
	1800	10343	1820	9264	1840	8116	124	889 / 50 /	
M12a								124	514 66
Fri 2	1600	10343	1620	9264	1640	8116	124	8005	82
Sat 3	None	Found							
Sun 4	1830	9168	1850	7968	1910	- - -	194	00 0	
Mon 5	0530	4457	0550	5157	0610	- - -	417	00 0	
	1600	12162	1620	11566	1640	10711	546	9463	97
	1700	9176	1720	7931	1740	6904	257	5593	75
	1800	9176	1820	7931	1840	6904	257	814	63
	1900	9176 [^]	1920	7931 [^]	1940	6904	257	4431	74
Tue 6	0440	4443	0500	5043	0520	5843	408	612	213
	1830	10343 [^]	1850	9264 [^]	1910	8116 [^]	124	4535	65
Wed 7	1500	7509	1520	6909	1540	5709	214	432	173
	1700	8047	1720	6802	1740	5788	463	5375	59
	1830	11435 [^]	1850	10598 [^]	1910	9327 [^]	938	6595	60
	2200	5312	2220	4512	2240	- - -	350	00 0	

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Thu 8	0440	4443	0500	5043	0520	5843	408	612	213
	0730	5284	0750	5784	0810	5784	- - -	277	00 0
	1700	9176 [^]	1720	7931	1740	6904	257	1720	1740
	1700	10343 [^]	1720	9264	1740	9264	1740	10343 [^]	1820
	1800	10343	1820	9264	1840	8116	124	889 / 50 /	
								124	514 66
Fri 9	1600	10343	1620	9264	1640	8116	124	8005	82
Sat 10	0600	5784	0620	5784 [^]	0640	5784 [^]	0640	- - -	751 00 0
Sun 11	1830	9168	1850	7968	1910	7968	1910	7468	194 281 173
Mon 12	0530	4457	0550	5157	0610	5157	0610	- - -	417 00 0
	1300	9223 [^]	1320	8193	1340	7463	214	991	187
	1600	12162	1620	11566	1640	11566	1640	10711	546 1670 94
	1700	9176	1720	7931	1740	6904	257	1740	1141 74
	1800	9176	1820	7931	1840	7931 [^]	1840	6904	257 259 35
	1900	9176 [^]	1920	7931 [^]	1940	6904	1940	7931 [^]	7370 62
Tue 13	0440	4443	0500	5043	0520	5843	408	439	257
	1830	10343 [^]	1850	9264 [^]	1910	8116	124	6064	57
Wed 14	1500	7509	1520	6909	1540	5709	214	991	187
	1700	8047	1720	6802	1740	5788	463	6326	69
	1830	11435 [^]	1850	10598 [^]	1910	10598 [^]	1910	9327 [^]	938 ???
	2200	5312	2220	4512	2240	4512	2240	- - -	350 00 0

^ Weak reception NH Not Heard NF Not Found

Highlighted cell indicates new or changed loggings
--- Indicates no 3rd transmission sent as message 0 0 0

Thanks to Peter in the Netherlands for finding the Sat 0600z sched in November.

M12 Log2 Dec 2011

Brian - S.E. England

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Thu 15	0440	4443	0500	5043	0520	5843	408	439	257
	0730	5284	0750	5784	0810	- - -	277	0 0 0	
	1700	9176^	1720	7931^	1740	6904	257	6052	93
	1700	10343^	1720	9264^	1740	8116^	124	1514	70
	1800	10343^	1820	9264^	1840	8116^	124	6233	100
	1900	9176^	1920	7931^	1940	6904	257	259	35
Fri 16	1600	10343	1620	9264	1640	8116	124	6520	71
Sat 17	Not Monit	-ored							
Sun 18	1830	9168^	1850	7968	1910	7468	194	478	195
Mon 19	0530	4457	0550	5157	0610	- - -	417	0 0 0	
	1300	9223^	1320	8193	1340	7463	214	977	75
	1600	12162	1620	11566	1640	10711	546	4551	88
	1700	9176^	1720	7931	1740	6904	257	1603	72
	1800	9176^	1820	7931	1840	6904	257	517	48
	1900	9176^	1920	7931	1940	6904	257	4357	63
Tue 20	0440	4443	0500	5043	0520	- - -	408	0 0 0	
	1830	10343^	1850	9264	1910	8116	124	1784	53
Wed 21	1500	7509	1520	6909	1540	5709	214	977	75
	1700	8047^	1720	6802	1740	5788	463	4008	83
	1830	NH	1850	NH	1910	9327^	938	???	???
	2200	5312	2220	4512	2240	- - -	350	0 0 0	

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Thu 22	0440	4443	0500	5043	0520	5043	0500	- - -	408 0 0 0
	0730	5284	0750	5784	0810	5784	0750	- - -	277 0 0 0
	1700	9176^	1720	7931^	1740	6904^	1740	6904^	257 ???
	1700	10343^	1720	9264^	1740	8116^	1740	8116	124 7040 71
	1800	10343^	1820	9264^	1840	8116^	1820	9264	1840 8116 124 5376 97
	1900	9176^	1920	7931^	1940	6904	1920	7931	6904 257 9834 43
Fri 23	1600	10343	1620	9264	1640	8116	124	1640	1637 91
Sat 24	0600	5784	0620	7584^	0640	0640	0620	- - -	751 0 0 0
Sun 25	1830	9168	1850	7968	1910	7968	1850	- - -	194 0 0 0
Mon 26	0530	4457	0550	5157	0520	5157	0550	- - -	417 0 0 0
	1300	9223^	1320	8193	1340	8193	1320	- - -	214 0 0 0
	1600	12162	1620	11566	1640	11566	1620	- - -	10711 546 1270 74
	1700	9176^	1720	7931	1740	6904	1720	7931	6904 257 1501 78
	1800	9176^	1820	7931	1840	6904	1820	7931	6904 257 7705 48
	1900	9176^	1920	7931	1940	6904	1920	7931^	6904 257 6707 70
Tue 27	0440	4443	0500	5043	0520	5043	0500	- - -	5843 408 548 189
	1830	10343^	1850	9264	1910	8116	124	9012	57
Wed 28	1500	7509	1520	6909	1540	5709	1520	- - -	214 246 129
	1700	8047^	1720	6802	1740	5788	1720	6802	1740 5453 40
	1830	NH	1850	NH	1910	9327^	11435^	10598^	1910 9327 938 4784 63
	2200	5312	2220	4512	2240	- - -	5312	2220	4512 2240 4012 350 740 95

Highlighted cell indicates new or changed loggings
 --- Indicates no 3rd transmission sent as message 0 0 0

^ Weak reception

NH Not Heard

NF Not Found

M12 Log2 Nov 2011 (Residue)

M12 Log2 Dec 2011

(Residue)

Brian - S.E. England

Highlighted cell indicates new or changed loggings
Indicates no 2nd transmission cont as messages 00

--- Indicates no transmission sent as message 000

Λ Weak reception

NF Not Found

M12 Yearly Repeat Schedules 2011 - 2012

Brian S.E. England

Time UTC		Freq kHz		ID		M		T		W		T		F		S		S	
0440	0500	0520	4443	5043	5843	408	X	X	X										
0500	0520	0540	4638	5738	---	678	X	X											
0510	0530	0550	5888	6952	7707	897	X	X											
0530	0550	0610	4457	5157	---	417	X												
0600	0620	0640	4768	5868	---	783	X												
0700	0720	0740	9138	10538	12138	138		X											
0730	0810	0840	5284	5784	---	277		X											
1800	1820	1840	8047	6802	5788	463		X											
1830	1850	1910	8192	7692	6792	167		X											
2000	2020	2040	9176	7931	6904	257	X												
2200	2220	2240	5361	4461	---	340		X											
2200	2220	2240	5938	4938	4038	138		X											
Feb																			
0440	0500	0520	5872	6772	7672	876	X	X											
0500	0520	0540	5291	6891	7491	284	X	X											
0510	0530	0550	6964	7882	9324	983	X	X											
0600	0620	0640	5479	6879	8079	480		X											
0700	0720	0740	9338	10638	12138	238		X											
1800	1820	1840	8047	6802	5788	463		X											
1830	1850	1910	10476	9276	8176	421		X											
1900	1920	1940	9176	7931	6904	257	X												
2000	2020	2040	9176	7931	6904	257	X												
2200	2220	2240	5429	4629	---	460		X											
2200	2220	2240	5429	4629	---	238		X											
Mar																			
0440	0500	0520	0500	0500	0500	0520	0540	0640	0720	0740	0938	10638	12138	338					
0500	0520	0540	0500	0500	0500	0520	0540	0640	0720	0740	0938	10638	12138	338					
0510	0530	0550	0500	0500	0500	0520	0540	0640	0720	0740	0938	10638	12138	338					
0530	0550	0610	0500	0500	0500	0520	0540	0640	0720	0740	0938	10638	12138	338					
0600	0620	0640	0500	0500	0500	0520	0540	0640	0720	0740	0938	10638	12138	338					
0700	0720	0740	0500	0500	0500	0520	0540	0640	0720	0740	0938	10638	12138	338					
0730	0810	0840	0500	0500	0500	0520	0540	0640	0720	0740	0938	10638	12138	338					
1800	1820	1840	0500	0500	0500	0520	0540	0640	0720	0740	0938	10638	12138	338					
1830	1850	1910	0500	0500	0500	0520	0540	0640	0720	0740	0938	10638	12138	338					
2000	2020	2040	0500	0500	0500	0520	0540	0640	0720	0740	0938	10638	12138	338					
2200	2220	2240	0500	0500	0500	0520	0540	0640	0720	0740	0938	10638	12138	338					
2200	2220	2240	0500	0500	0500	0520	0540	0640	0720	0740	0938	10638	12138	338					
Apr																			
0340	0400	0420	0400	0400	0400	0420	0440	0540	0640	0720	09378	10378	12378	338					
0400	0420	0440	0400	0400	0400	0420	0440	0540	0640	0720	09378	10378	12378	338					
0500	0520	0540	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
0510	0530	0550	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
0600	0620	0640	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
0700	0720	0740	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
1800	1820	1840	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
1830	1850	1910	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
2000	2020	2040	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
2200	2220	2240	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
2200	2220	2240	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
May																			
0440	0500	0520	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
0500	0520	0540	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
0510	0530	0550	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
0600	0620	0640	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
0700	0720	0740	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
1800	1820	1840	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
1830	1850	1910	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
2000	2020	2040	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
2200	2220	2240	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
2200	2220	2240	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
Jun																			
0440	0500	0520	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
0500	0520	0540	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
0510	0530	0550	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
0600	0620	0640	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
0700	0720	0740	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
1800	1820	1840	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
1830	1850	1910	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
2000	2020	2040	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
2200	2220	2240	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
2200	2220	2240	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
Jul																			
0440	0500	0520	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
0500	0520	0540	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
0510	0530	0550	0500	0500	0500	0520	0540	0640	0720	0740	09378	10378	12378	338					
0600	0620	0640	0500	0500	0500	0520	0540	0640	0720	0740</td									

M12 Yearly Repeat Schedules 2011 - 2012

Brian S.E. England

M12 Yearly Repeat Schedules 2011 - 2012

Brian S.E. England

Time UTC		Freq kHz		ID		M	T	W	T	F	S	S
0340	0400	0420	5829	6929	8029	890	X	X				
0500	0520	0540	6843	7943	9143	891	X					
1300	1320	1340	14372	13472	11472	344	X					
1700	1720	1740	8047	6802	5788	463	X					
1700	1720	1740	9176	7931	6904	257	X					
1800	1820	1840	9176	7931	6904	257	X					
1800	1820	1840	10343	9264	8116	124	X					
1900	1920	1940	9176	7931	6904	257	X					
2100	2120	2140	6793	5893	---	785	X					
Oct		0420	5872	6772	876		X	X				
0500	0520	0540	5384	6784	7984	379	X					
1300	1320	1340	10804	9324	7964	839	X					
1700	1720	1740	8047	6802	5788	463	X					
1700	1720	1740	9176	7931	6904	257	X					
1800	1820	1840	9176	7931	6904	257	X					
1800	1820	1840	10343	9264	8116	124	X					
1900	1920	1940	9176	7931	6904	257	X					
2100	2120	2140	5814	5214	---	826	X					

Time UTC		Freq kHz		ID		M	T	W	T	F	S	S
0440	0500	0520	0550	0610	0630	5872	6772	7672	876	X	X	
0530	0600	0620	0640	0660	0680	5872	6772	7672	876	X	X	
0600	0620	0640	0660	0680	0700	5872	6772	7672	876	X	X	
0630	0660	0680	0700	0720	0740	5872	6772	7672	876	X	X	
0700	0720	0740	0760	0780	0800	5872	6772	7672	876	X	X	
0730	0750	0780	0810	0840	0870	5872	6772	7672	876	X	X	
0800	0830	0860	0900	0930	0960	5872	6772	7672	876	X	X	
0830	0860	0900	0930	0960	1000	5872	6772	7672	876	X	X	
0900	0930	0960	1000	1030	1060	5872	6772	7672	876	X	X	
0930	0960	1000	1030	1060	1100	5872	6772	7672	876	X	X	
1000	1030	1060	1100	1130	1160	5872	6772	7672	876	X	X	
1030	1060	1100	1130	1160	1200	5872	6772	7672	876	X	X	
1100	1130	1160	1200	1230	1260	5872	6772	7672	876	X	X	
1130	1160	1200	1230	1260	1300	5872	6772	7672	876	X	X	
1200	1230	1260	1300	1330	1360	5872	6772	7672	876	X	X	
1230	1260	1300	1330	1360	1400	5872	6772	7672	876	X	X	
1300	1330	1360	1400	1430	1460	5872	6772	7672	876	X	X	
1330	1360	1400	1430	1460	1500	5872	6772	7672	876	X	X	
1400	1430	1460	1500	1530	1560	5872	6772	7672	876	X	X	
1430	1460	1500	1530	1560	1600	5872	6772	7672	876	X	X	
1500	1530	1560	1600	1630	1660	5872	6772	7672	876	X	X	
1530	1560	1600	1630	1660	1700	5872	6772	7672	876	X	X	
1600	1630	1660	1700	1730	1760	5872	6772	7672	876	X	X	
1630	1660	1700	1730	1760	1800	5872	6772	7672	876	X	X	
1700	1730	1760	1800	1830	1860	5872	6772	7672	876	X	X	
1730	1760	1800	1830	1860	1900	5872	6772	7672	876	X	X	
1800	1830	1860	1900	1930	1960	5872	6772	7672	876	X	X	
1830	1860	1900	1930	1960	2000	5872	6772	7672	876	X	X	
1900	1930	1960	2000	2030	2060	5872	6772	7672	876	X	X	
1930	1960	2000	2030	2060	2100	5872	6772	7672	876	X	X	
2000	2030	2060	2100	2130	2160	5872	6772	7672	876	X	X	
2030	2060	2100	2130	2160	2200	5872	6772	7672	876	X	X	
2100	2130	2160	2200	2230	2260	5872	6772	7672	876	X	X	
2130	2160	2200	2230	2260	2300	5872	6772	7672	876	X	X	
2200	2230	2260	2300	2330	2360	5872	6772	7672	876	X	X	
2230	2260	2300	2330	2360	2400	5872	6772	7672	876	X	X	
2300	2330	2360	2400	2430	2460	5872	6772	7672	876	X	X	
2330	2360	2400	2430	2460	2500	5872	6772	7672	876	X	X	
2400	2430	2460	2500	2530	2560	5872	6772	7672	876	X	X	
2430	2460	2500	2530	2560	2600	5872	6772	7672	876	X	X	
2500	2530	2560	2600	2630	2660	5872	6772	7672	876	X	X	
2530	2560	2600	2630	2660	2700	5872	6772	7672	876	X	X	
2600	2630	2660	2700	2730	2760	5872	6772	7672	876	X	X	
2630	2660	2700	2730	2760	2800	5872	6772	7672	876	X	X	
2700	2730	2760	2800	2830	2860	5872	6772	7672	876	X	X	
2730	2760	2800	2830	2860	2900	5872	6772	7672	876	X	X	
2800	2830	2860	2900	2930	2960	5872	6772	7672	876	X	X	
2830	2860	2900	2930	2960	3000	5872	6772	7672	876	X	X	
2900	2930	2960	3000	2900	2930	5872	6772	7672	876	X	X	
2930	2960	3000	2900	2930	2960	5872	6772	7672	876	X	X	
2960	2900	2930	2960	2900	2930	5872	6772	7672	876	X	X	
2900	2930	2960	2900	2930	2960	5872	6772	7672	876	X	X	
2930	2960	2900	2930	2960	2900	5872	6772	7672	876	X	X	
2960	2900	2930	2960	2900	2930	5872	6772	7672	876	X	X	
2900	2930	2960	2900	2930	2960	5872	6772	7672	876	X	X	
2930	2960	2900	2930	2960	2900	5872	6772	7672	876	X	X	
2960	2900	2930	2960	2900	2930	5872	6772	7672	876	X	X	
2900	2930	2960	2900	2930	2960	5872	6772	7672	876	X	X	
2930	2960	2900	2930	2960	2900	5872	6772	7672	876	X	X	
2960	2900	2930	2960	2900	2930	5872	6772	7672	876	X	X	
2900	2930	2960	2900	2930	2960	5872	6772	7672	876	X	X	
2930	2960	2900	2930	2960	2900	5872	6772	7672	876	X	X	
2960	2900	2930	2960	2900	2930	5872	6772	7672	876	X	X	
2900	2930	2960	2900	2930	2960	5872	6772	7672	876	X	X	
2930	2960	2900	2930	2960	2900	5872	6772	7672	876	X	X	
2960	2900	2930	2960	2900	2930	5872	6772	7672	876	X	X	
2900	2930	2960	2900	2930	2960	5872	6772	7672	876	X	X	
2930	2960	2900	2930	2960	2900	5872	6772	7672	876	X	X	
2960	2900	2930	2960	2900	2930	5872	6772	7672	876	X	X	
2900	2930	2960	2900	2930	2960	5872	6772	7672	876	X	X	
2930	2960	2900	2930	2960	2900	5872	6772	7672	876	X	X	
2960	2900	2930	2960	2900	2930	5872	6772	7672	876	X	X	
2900	2930	2960	2900	2930	2960	5872	6772	7672	876	X	X	
2930	2960	2900	2930	2960	2900	5872	6772	7672	876	X	X	
2960	2900	2930	2960	2900	2930	5872	6772	7672	876	X	X	
2900	2930	2960	2900	2930	2960	5872	6772	7672	876	X	X	
2930	2960	2900	2930	2960	2900	5872	6772	7672	876	X	X	
2960	2900	2930	2960	2900	2930	5872	6772	7672	876	X	X	
2900	2930	2960	2900									

Family 1A History and January predictions - 7th Jan 2011

Station Day	time (utc)	2011 October	2011 November	2011 December	2012 January	ID Oct	ID Nov	ID Dec	ID Jan	week
G06 mon	08.00	6774	5463	5463	5463	215	215	215	215	every
S06 mon	09.30	18654	18654			?	843	843		?
G06 mon	17.00	4457	3854	3854	3754	439	439	439	154	1 & 2
G06 mon	18.00	4864	4587	4587	4467	439	439	439	154	1 & 2
S06 mon	19.00/05	5784/5127	3192/3838	3192/3838	3192/3838	349	349	349	349	every
S06 mon	21.15	7760	?	6870	6920?	621	219	852	121	2 & 4
S06 mon	22.15	xxxxx	5315	4630	5175?	xxx	219	852	121	2 & 4
M14 tues	07.00			5785				178		2
M14 tues	08.00			?				178		2
M14 tues	16.00	4518				913				1st
S06 tues	18.00	5890		3645		286		617		1 & 2
M14 tues	18.20	5947	4636	4636	4636	346	186	186	186	2 & 4
M24 wed	09.00		11073	11073	NH		352	352		every
G06 wed	12.00	5864	4778	4778		439	439	439	154	1 & 2
G06 wed	13.00	5362	4039	4039		439	439	439	154	1 & 2
M24 wed	17.00		5410	5410			352	352		every
S06 wed	18.00/05	5735/5070	3540/3160	3540/3160		471	471	471	471	every
S06 wed	18.20/25	6783/	4528/	?/4032		632	632	632		every
M14 wed	19.20	5463	4761	4761	4761	537	748	748	748	2 & 4
E06 wed	19.20	4523	4036	4036		829	829	829		2
S06 wed	19.30/05					366	366	366		Sat R
S06 wed	20.00/05	5413				134	134	134	134	Sat R
E06 wed	20.20	3892	3842	3842		829	829	829		2
E06 thur	06.00	16320	16200	13910		186	507	923	139	every
E06 thur	07.00	xxxxx	18200	15940	15810	xxx	507	923	139	every
S06 thurs	08.30			17435		842	842	842		every
S06 thurs	09.30			14380		842	842	842		every
G06 thur	18.30	5934	4519	4519	4519	579	271	271	271	2 & 4
S06 thur	19.00/05	5784/5127	3192/3838	3192/3838	3192/3838	349	349	349	349	every
E06 thur	20.30	5186	4836	4836	4836	891	321	321	321	1 & 3
M14 fri	18.00	8193	6769			269	269	269	269	1st
G06 fri	19.30	5442	4792	4792	4792	947	436	436	436	2 & 4
E06 fri	21.30	5197	4760	4760	4760	634	472	472	472	1 & 3
E06 sat	01.30	5122	5837	5796	5783	759	759	759	759	every
E06 sat	02.30	xxxxx	4583	4516	4489	xxx	759	759	759	every
S06 sat	16.00/05	8162/7612	7728/6788	7728/6788	7728/6788	134	134	134	134	every
S06 sat	19.30/35	5787/4628	3209/3842	3209/3842		366	366	366		every
S06 sat	20.00		3867	3867	4481	837	837	837	416	1 & 3
S06 sat	20.30	6791	4859	4859	5118	703	703	703	314	! & 3
S06 sat	21.00	xxxxx	3237	3237	3626	xxx	837	837	416	1 & 3
S06 sat	21.30	5848	4024	4024	4452	703	703	703	314	1 & 3
E06 sun	11.20	7409	6 mhz?	6 mhz?		829	829	829		Wed
E06 sun	12.20	6793	5913	5913	5913?	829	829	829		R

SAT R = repeat if there is a message on Saturday

WED R = repeat of 2nd Weds NH = Not heard

E07 Regular Schedules
Monday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1900				12108	14812	15824	14812	14378	12108	10243		
1920				10708	13412	14624	13412	13458	10708	9243		
1940				9208	11512	13524	11512	10958	9208	7943		
2000	6982	7724	9273								7724	7478
2020	5882	6924	7873								6924	6778
2040	5182	5824	6873								5824	5278

Tuesday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
0700				6941	7978	8127	8127	6941	6893	5782		
0720				8041	9178	9327	9327	8041	7493	6982		
0740				9241	9978	10127	10127	9241	8193	7582		
0800	5416	5867	6893								5867	5234
0820	5816	6767	7493								6767	5734
0840	6916	7367	8193								7367	6834

Wednesday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1700				12123	13388	13468	13468	13388	12223	11454		
1720				10703	12088	12141	11454	12088	11062	9423		
1740				8123	10118	10436	10126	10504	10116	8123		
1800	6774	7697	9923								8183	6982
1820	5836	6863	9068								6982	5836
1840	4893	5938	7697								5938	4938
1900				12108	14812	15824	14812	14378	12108	10243		
1920				10708	13412	14624	13412	13458	10708	9243		
1940				9208	11512	13524	11512	10958	9208	7943		
2000	6982	7724	9273								7724	7478
2020	5882	6924	7873								6924	6778
2040	5182	5824	6873								5824	5278
2000				8173	8173	8173	8173	8173	8173	5864		
2020				7473	7473	7473	7473	7473	7473	5164		
2040				5773	5773	5773	5773	5773	5773	4564		
2100	5864	5864	5864								5864	5864
2120	5164	5164	5164								5164	5164
2140	4564	4564	4564								4564	4564

Thursday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
0430				7437	7437	7437	7437	7437	7437	5146		
0450				8137	8137	8137	8137	8137	8137	5846		
0510				9137	9137	9137	9137	9137	9137	6846		
0530	5146	5146	5146								5146	5146
0550	5846	5846	5846								5846	5846
0610	6846	6846	6846								6846	6846
0700				6941	7978	8127	8127	6941	6893	5782		
0720				8041	9178	9327	9327	8041	7493	6982		
0740				9241	9978	10127	10127	9241	8193	7582		
0800	5416	5867	6893								5867	5234
0820	5816	6767	7493								6767	5734
0840	6916	7367	8193								7367	6834
2010				9387	11539	12213	11539	10753	9387	7516		
2030				7526	10547	10714	10547	9147	7526	5836		
2050				5884	9388	9347	9388	7637	5884	4497		
2110	6777	6777	7516								6777	6777
2130	5449	5449	5836								5449	5449
2150	4483	4483	4497								4483	4483

Sunday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1700				12123	13388	13468	13468	13388	12223	11454		
1720				10703	12088	12141	11454	12088	11062	9423		
1740				8123	10118	10436	10126	10118	10116	8123		
1800	6774	7697	9923								8183	6982
1820	5836	6863	9068								6982	5836
1840	4893	5938	7697								5938	4938

The hundredths digit in each frequency trio gives the ID i.e. 6774 5836 4893 = 788

The status of Tuesday and Thursday 0700/0800 schedule is unknown. Last heard early Nov 11 It may have ended?

Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC	wk	Stn	Fam	Jan kHz, ID, ...	Feb kHz, ID, ...	Nov kHz, ID, ...	Dec kHz, ID, ...	General Remarks
x							0450		E11	03	5082 416/00	5082 416/00	5082 416/00	5082 416/00	since 02/10, last log 09/11
	x	x					0545		E11	03	348/00, search	348/00, search	348/00, search	348/00, search	since 06/11, last log 10/11
x	x	x					0645		E11	03	7840 517/00	7840 517/00	7840 517/00	7840 517/00	since 07/09, last log 11/11
x		x					0710		E11	03	10800 633/00	10800 633/00	10800 633/00	10800 633/00	since 02/11, last log 12/11
x	x						0745		E11	03	16112 335/00	16112 335/00	16112 335/00	16112 335/00	since 10/11, last log 12/11
x	x						0820		E11	03	7317 438/00	7317 438/00	7317 438/00	7317 438/00	since 10/09, last log 12/11
		x	x				0820		M03	03	4828 761/00	4828 761/00	4828 761/00	4828 761/00	since 11/10, last log 08/11
x	x						0830		E11	03	9446 649/00	9446 649/00	9446 649/00	9446 649/00	since 01/10, last log 11/11
x	x						0900		E11	03	9446 534/00	9446 534/00	9446 534/00	9446 534/00	since 10/09, last log 12/11
	x	x					0900		E11	03	4441 248/00	4441 248/00	4441 248/00	4441 248/00	since 02/10, last log 11/11
x		x					0915		S11A	03	7504 484/00	7504 484/00	7504 484/00	7504 484/00	since 01/10, last log 11/11
x	x						0930		E11	03	9079 270/00	9079 270/00	9079 270/00	9079 270/00	since 02/10, last log 12/11
x	x						0940		G11	03	6480 275/00	6480 275/00	6480 275/00	6480 275/00	since 01/10, last log 12/11
x	x						1015		S11A	03	12530 475/00	12530 475/00	12530 475/00	12530 475/00	since 04/10, last log 12/11
x		x					1020		S11A	03	9610 426/00	9610 426/00	9610 426/00	9610 426/00	since 02/10, last log 12/11
x	x		x				1020		S11A	03	6433 221/00	6433 221/00	6433 221/00	6433 221/00	since 01/09, last log 12/11
x	x						1045		E11	03	8091 469/00	8091 469/00	8091 469/00	8091 469/00	since 03/10, last log 12/11
x			x				1045/1050		E11	03	4441 127/00	4441 127/00	4441 127/00	4441 127/00	since 01/10, last log 10/11
x	x	x					1115		M03	03	4828 272/00 (Tue) & 650/00 (Wed/Thu)	since 10/09, last log 12/11			
x		x	x				1135/1140		M03	03	5358 786/00	5358 786/00	5358 786/00	5358 786/00	since 02/10, last log 11/11
x	x		x				1155		E11	03	15632 718/00	15632 718/00	15632 718/00	15632 718/00	since 04/11, last log 12/11
x			x				1240		E11	03	4958 349/00	4958 349/00	4958 349/00	4958 349/00	since 08/09, last log 12/11
	x		x				1320		M03	03	4828 437/00	4828 437/00	4828 437/00	4828 437/00	since 02/11, last log 11/11
	x	x					1325		G11	03	6433 299/00	6433 299/00	6433 299/00	6433 299/00	since 03/10, last log 12/11
x			x				1355		S11A	03	4441 254/00	4441 254/00	4441 254/00	4441 254/00	since 01/11, last log 09/11
x	x		x				1400		E11	03	10690 98#/00	10690 98#/00	10690 98#/00	10690 98#/00	since 10/11, last log 12/11
x		x	x				1445		E11	03	4441 267/00 (287/00?)	4441 267/00 (287/00?)	4441 267/00	4441 267/00	since 01/10, last log 12/11
x		x	x				1535		M03	03	5358 798/00	5358 798/00	5358 798/00	5358 798/00	since 11/10, last log 11/11
x			x				1540		E11	03	228/00, search	228/00, search	228/00, search	228/00, search	since 03/11, last log 10/11
x	x		x				1600		E11	03	12153 64#/00	12153 64#/00	12153 64#/00	12153 64#/00	since 03/11, last log 12/11
	x						1730		E11	03	5082 416/00	5082 416/00	5082 416/00	5082 416/00	since 03/10, last log 12/11
x			x				1755		G11	03	6433 270/00	6433 270/00	6433 270/00	6433 270/00	since 02/10, last log 12/11
	x	x					1855		E11	03	3838 262/00	3838 262/00	3838 262/00	3838 262/00	since 09/11, last log 12/11
	x		x				2000		G11	03	4441 262/00	4441 262/00	4441 262/00	4441 262/00	since 01/11, last log 12/11

Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC	wk	Stn	Fam	Jan kHz, ID, ...	Feb kHz, ID, ...	Nov kHz, ID, ...	Dec kHz, ID, ...	General Remarks
x							0800		G06	01A	5363 215	5363 215	5363 215	5363 215	since 07/10, last log 10/11
	x						1200		G06	01A	4778 439	4778 439	4778 439	4778 439	since 01/11, last log 12/11
		x					1200		G06	01A	215, search	215, search	215, search	215, search	since 09/11, last log 10/11
		x					1300		G06	01A	215, search	215, search	215, search	215, search	since 09/11, last log 10/11
x							1700	1/2	G06	01A	3854 439	3854 439	3854 439	3854 439	since 04/10, last log 12/11 yearly changing id
x							1800	1/2	G06	01A	4587 439	4587 439	4587 439	4587 439	since 05/09, last log 12/11 yearly changing id
		x					1830	2/4	G06	01A	4519 271	4519 271	4519 271	4519 271	since 05/01, last log 11/11
			x				1930	2/4	G06	01A	4792 436	4792 436	4792 436	4792 436	since 04/01, last log 12/11 rpt of Thu 1830Z

S06s schedule - amended 3rd Jan 2012

Day	time (utc)	jan feb nov dec	mar apr sep oct	may jun jul aug	ID
mon	13.00	8420	9145	10230	831
mon	13.10	10635	11460	12165	831
mon	16.00	7436	8040	9256	176
mon	16.10	6668	6830	7889	176
tue	06.00		14080	16735	438
tue	06.10		12355	15230	438
tue	07.00	5250	5760	5430	374
tue	07.15	6320	6930	6780	374
tue	08.00	10265	11635	14373	352
tue	08.10	9135	10420	12935	352
tue	10.00	6440	6410		893
tue	10.10	5660	7340		893
tue	12.30	5810	4 mhz?	7650	278
tue	12.40	6770	5805	6125	278
tue	15.00	5070	6464	6666	537
tue	15.10	6337	7242	7744	537
wed	05.30	9435	10835	11435	153
wed	05.40	11075	12170	12650	153
wed	08.20	6880	7605	6755	471
wed	08.30	7840	9255	5835	471
wed	08.30	7335	7335	7335	745
wed	08.40	11830	11830	11830	745
wed	08.40	9260	9480	10120	328
wed	08.50	11415	11040	9670	328
wed	10.00	12365	13365	14580	729
wed	10.10	14280	14505	16020	729
wed	12.00	7030	7120	7765	481
wed	12.10	6305	6415	6815	481
wed	12.30	4580	7620	7545	967
wed	12.40	6420	8105	8220	967
wed	19.00	8530	9220	10170	371
wed	19.10	7520	8270	9110	371
thu E17z	08.00	11170	14260	16780	674
thu E17z	08.10	9820	12930	12850	674
thu	09.00	12952	12952	12952	167
thu	09.10	13565	13565	13565	167
thu	12.00	12155	12560	12155	425
thu	12.10	10920	13065	14535	425
thu	12.30	7865	8650	9255	314
thu	12.40	5310	7385	7630	314
thu	14.00	5320	5320	5320	624
thu	14.10	4845	4845	4845	624
fri	06.00	5460	6340	8340/8720	934
fri	06.10	7070	5470	5810/10415	934
fri	07.00	7150	7795	7845	196
fri	07.10	8215	8695	9125	196
fri	09.30	11780	12140	10290	516
fri	09.40	12570	13515	9655	516
sat	12.00	8680	10350	12460	254
sat	12.10	8260	8520		254

Status of ID 934, 418 and 872 are unknown

Current Cuban Skeds Heard From 0000-0700 UTC
This covers 1900-0200 local EDT in the USA
(November-December 2011)

SUN	0000	0100	0200	0300	0400	0500	0600	0700
							9124(SK)0600	5883(P)
							9063(SK)0630	
						5898(P)	5800(S)	

MON	0000	0100	0200	0300	0400	0500	0600	0700
				6855(P)	6768(S)	13380(SK)	11435(SK)	5883(P)
				5800()	5117()	12180(SK)(?)	11532(SK)(?)	
					4174()			
					4035()			
				6376()		5898(P)	5800(S)	

TUE	0000	0100	0200	0300	0400	0500	0600	0700
					6768()	12120(SK)		5883(P)
					5117()	13380(SK)		
				6380()		5898(P)	5800(S)	

WED	0000	0100	0200	0300	0400	0500	0600	0700
						12120(SK)	11435(SK)	5800(SK)
						13380(SK)	11532(SK)	
							9063(SK)0600	
							5898(SK)0630	
						5810(P)(?)	5810(S)(?)	9153(P)

THUR	0000	0100	0200	0300	0400	0500	0600	0700
					5883()	13380(SK)	9124(SK)0600	5883(P)
						12120(SK)	9063(SK)0630	
				8009(P)	8009(S)			
			9620()	10445(P)	11565(S)	5898(P)	5800(S)	

FRI	0000	0100	0200	0300	0400	0500	0600	0700
		6768(P)	5417(S)			12120(SK)	11435(SK)	5883(P)
		4028()				13380(SK)	11532(SK)	
						5898(P)	5800(S)	9153(P)

SAT	0000	0100	0200	0300	0400	0500	0600	0700
		6768(P)	5417(S)	6855()			11435(SK)	5883(P)
			5768()				11532(SK)	
						5898(P)	5800(S)	

New possible skeds found:

Mon	0400z	V02a	4035m	Jon-FL & Gil
Thu	0400z	V02a	5883m	Daniel
Sat	0200z	V02a	5768m	Gil

Thanks

Current Cuban Skeds Heard From 0800-1500 UTC
This covers 0300-1000 local EDT in the USA
(November-December 2011)

SUN	0800	0900	1000	1100	1200	1300	1400	1500
	5898(S)							
		10432(P)	9112(S)	4478()				

MON	0800	0900	1000	1100	1200	1300	1400	1500
	5898(S)							
	8186(SK)	9063(SK)						
						8096(P)(?)	8096(S)(?)	
			7680(?)			12116(P)	12134(S)	
		10432(P)	9112(S)					

TUE	0800	0900	1000	1100	1200	1300	1400	1500
	5898(S)		8186(SK)1000					
	8180(SK)	8180(SK)	7890(SK)1030					
		5947(SK)0900(?)						
		5930(SK)0930(?)					12214(P)	13374(S)

WED	0800	0900	1000	1100	1200	1300	1400	1500
	5800(SK)	9040(P)	9240(S)					
	8186(SK)	9063(SK)						
						8096(P)(?)	8096(S)(?)	
						10714(P)	10857(S)	
	9063(S)	9153(?)						

THUR	0800	0900	1000	1100	1200	1300	1400	1500
	5898(S)		8186(SK)1000					
	8180(SK)	8180(SK)	7890(SK)1030					
		5947(SK)0900(?)						
		5930(SK)0930(?)				12116(P)	12134(S)	

FRI	0800	0900	1000	1100	1200	1300	1400	1500
	5898(S)							
						8096(P)(?)	8096(S)(?)	
						12214(P)	13374(S)	
	9063(S)	10432(P)	9112(S)	4478()				

SAT	0800	0900	1000	1100	1200	1300	1400	1500
	5898(S)	9040(P)	9240(S)					
	8186(SK)	9063(SK)						
	5883(SK)	5947(SK)0900(?)						
		5930(SK)0930(?)						
			4478()					

New skeds found:

None this month

Thanks

Current Cuban Skeds Heard From 1600-2300 UTC
This covers 1100-1800 local EDT in the USA
(November-December 2011)

SUN	1600	1700	1800	1900	2000	2100	2200	2300
MON	1600	1700	1800	1900	2000	2100	2200	2300
	6768(SK)							
				6785(P)	7554(S)		7519(P)	8009(S)
		8097(P)	8097(S)					
TUE	1600	1700	1800	1900	2000	2100	2200	2300
	6768(SK)			12180(P)	13380(S)			
				6785(P)	7554(S)		7526(P)	8135(S)
WED	1600	1700	1800	1900	2000	2100	2200	2300
	6768(SK)							
				6785(P)	7554(S)		7519(P)	8009(S)
		8097(P)	8097(S)		6932(P)	6854(S)		
THUR	1600	1700	1800	1900	2000	2100	2200	2300
	6768(SK)			12180(P)	13380(S)			
				6785(P)	7554(S)		8009(P)	8135(S)
					6932(P)	6854(S)		
FRI	1600	1700	1800	1900	2000	2100	2200	2300
	6768(SK)							
				6785(P)	7554(S)		7519(P)	8135(S)
		8097(P)	8097(S)					
SAT	1600	1700	1800	1900	2000	2100	2200	2300
				6785(P)	7554(S)			
		8097(P)	8097(S)					

Notes:

Skeds in MCW mode indicated in shaded cell.

V2a skeds are indicated in italic fonts.

M8a skeds are indicated in **normal** fonts.

The primary or first sked is indicated with (P).

The secondary, second or repeat sked is indicated with (S).

All skeds normally begin on the hour.

Frequencies listed as (), denote primary or secondary sked not determined.

Frequencies listed without (), denotes a possible sked.

Skeds with (?) have not been heard in over two months.

SHOT Notes:

At present SK01 seems to be using exclusively RDT 1 mode.

--Updated December 29, 2011--

Cuban Desk Contributors: Barry BS3 (Tei)

Barry_BS3 (Tennessee, USA)
Kd4kym (South Carolina, USA) synesthetix
Gilbertovernamas
BigD (East Coast, USA)
Jon-FL

Chris (California, USA)

William Kibler (Kansas, USA)

William
Daniel

*Daniel
Westluis*

XPA Polytones

November2011

XPA b [MFSK-20 Russian Intelligence Multitone System] 10bd

1. 0540z 6839kHz 2. 0600z: 8139kHz 3. 0620z: 9139kHz

ID811 Mode: USB

ID/msg/serial no/gc/dk/end grp

01Tue	811 000 05344 00001 00000 10140	[2m26s]	01Tue	691 000 09974 00001 00000 10140	[2m26s]	01Tue	158 1 00518 00171 08991 57040	[4m11s]
03Thu	811 000 05344 00001 00000 10140	[2m26s]	06Sun	NRH		03Thu	158 1 00518 00171 08991 57040	[4m11s]
08Tue	811 000 05344 00001 00000 10140	[2m26s]	08Tue	691 000 01174 00001 00000 10140	[2m26s]	08Tue	158 1 00579 00215 48994 27201	[4m37s]
10Thu	811 000 05344 00001 00000 10140	[2m26s]	13Sun	NRH		10Thu	158 1 00579 00215 48994 27201	[4m37s]
15Tue	811 000 05344 00001 00000 10140	[2m26s]	15Tue	691 000 09974 00001 00000 10140	[2m26s]	15Tue	158 1 00314 00149 10577 64224	[3m57s]
17Thu	811 000 05344 00001 00000 10140	[2m26s]	20Sun	NRH		17Thu	158 1 00314 00149 10577 64224	[3m57s]
22Tue	811 000 08764 00001 00000 10140	[2m26s]	22Tue	691 000 09974 00001 00000 10140	[2m26s]	22Tue	158 000 01717 00001 00000 10140	[2m26s]
24Thu	811 000 08764 00001 00000 10140	[2m26s]	27Sun	NRH		24Thu	158 000 01717 00001 00000 10140	[2m26s]
29Tue	811 000 02237 00001 00000 10140	[2m26s]	29Tue	691 000 04317 00001 00000 10140	[2m26s]	29Tue	158 000 09119 00001 00000 10140	[2m26s]

XPA b 0440z Schedule

- Good, strong signals.
- Expected null msgs.

XPA d 1400z Schedule

- Split freq schedule, Sunday morning freqs not found.
- Variation of signal strengths across the month from NRH and inaudible to fair and strong. These signs believed not to be for Western Europe.

XPA e 1900z schedule

- Fair to Strong across the monthly schedule. Some BCQRM2 noted on the 1920z frequency but usually strong.
- 1940z sending consistently strong.

XPA d [MFSK-20 Russian Intelligence Multitone System] 10bd

1. 1400z: 5867kHz 2. 1420z: 5467kHz 3. 1440z: 4567kHz

ID691 Mode: USB [Sun/True]

ID/msg/serial no/gc/dk/end grp

01Tue	691 000 09974 00001 00000 10140	[2m26s]	01Tue	158 1 00518 00171 08991 57040	[4m11s]
03Thu	NRH		03Thu	158 1 00518 00171 08991 57040	[4m11s]
08Tue	691 000 01174 00001 00000 10140	[2m26s]	08Tue	158 1 00579 00215 48994 27201	[4m37s]
10Thu	NRH		10Thu	158 1 00579 00215 48994 27201	[4m37s]
15Tue	691 000 09974 00001 00000 10140	[2m26s]	15Tue	158 1 00314 00149 10577 64224	[3m57s]
17Thu	NRH		17Thu	158 1 00314 00149 10577 64224	[3m57s]
22Tue	691 000 09974 00001 00000 10140	[2m26s]	22Tue	158 000 01717 00001 00000 10140	[2m26s]
24Thu	NRH		24Thu	158 000 01717 00001 00000 10140	[2m26s]
29Tue	691 000 04317 00001 00000 10140	[2m26s]	29Tue	158 000 09119 00001 00000 10140	[2m26s]

XPA e [MFSK-20 Russian Intelligence Multitone System] 10bd

1. 1900z: 8123kHz 2. 1920z: 7523kHz 3. 1940z: 6823kHz

ID364 Mode: USB [True/Thru]

December 2011**XPA b [MFSK-20 Russian Intelligence Multitone System] 10bd**

1. 0540z 5818kHz 2. 0600z: 6918kHz 3. 0620z: 8018kHz

ID890 Mode: USB [Mon/Wed was Tue/Thu]

ID/msg/serial no/gc/dk/end grp

01Thu	890 000 08764 00001 00000 10140	[2m26s]	04Sun	NRH	
06Tue	890 000 08764 00001 00000 10140	[2m26s]	06Tue	928 1 00246 00131 79229 27113	[not timed]
08Thu	890 000 03985 00001 00000 10140	[2m26s]	11Sun	NRH	
13Tue	890 000 03985 00001 00000 10140	[2m26s]	13Tue	Too weak for process	
15Thu	890 000 03985 00001 00000 10140	[2m26s]	18Sun	NRH	
20Tue	890 000 03985 00001 00000 10140	[2m26s]	20Tue	928 000 01294 00001 00000 10140	[2m26s]
22Thu	890 000 03985 00001 00000 10140	[2m26s]	25Sun	NRH	
27Tue	890 000 03985 00001 00000 10140	[2m26s]	27Thu	928 000 02308 00001 00000 10140	[2m26s]
29Thu	890 000 03985 00001 00000 10140	[2m26s]			

XPA d [MFSK-20 Russian Intelligence Multitone System] 10 bd

1. 1400z: 5767kHz 2. 1420z: 5267kHz 3. 1440z: 4467kHz

ID138 Mode: USB [Mon/Wed]

ID/msg/serial no/gc/dk/end grp

01Thu	138 000 01717 00001 00000 10140	[2m26s]	01Thu	138 000 01717 00001 00000 10140	[2m26s]
06Tue	138 1 00212 00227 71192 21062	[4m45s]	06Tue	138 1 00212 00227 71192 21062	[4m45s]
08Thu	138 1 00212 00227 71192 21062	[4m45s]	08Thu	138 1 00212 00227 71192 21062	[4m45s]
13Tue	138 000 01717 00001 00000 10140	[2m26s]	13Tue	138 000 01717 00001 00000 10140	[2m26s]
15Thu	138 000 09471 00001 00000 10140	[2m26s]	15Thu	138 000 09471 00001 00000 10140	[2m26s]
20Tue	138 1 mnmm mnmm mnmm 15544	[4m03s]	20Tue	138 1 mnmm mnmm mnmm 15544	[4m03s]
22Thu	Too weak for process		22Thu	Too weak for process	[4m03s]
27Tue	138 1 00911 mnmm 33371 mnmm	[4m54s]	27Tue	138 1 00911 mnmm 33371 mnmm	[4m54s]
29Thu	138 1 00911 00243 33371 12533	[4m54s]	29Thu	138 1 00911 00243 33371 12533	[4m54s]

XPA b 0540z Schedule

Excellent strong signals

XPA d 1400z Schedule

Morning freqs looked for, not found.

XPA e 1900z Schedule

Variable strengths, QRM badly affecting this schedule in UK

ENI GMA 2000 SPOKEN NUMERALS:
EUROPEAN & ARABIC LANGUAGE VARIATIONS

English	zero	one	two	three	four	five	six	seven	eight	nine
	0	1	2	3	4	5	6	7	8	9
Russian	nul	odí n	dva	tri	chety' re	pyat'	shest'	sem'	vósem'	dévyat'
German ^{1,2}	nul	ei ns	zwei	drei	vi er	fünf	sechs	si eben	acht	neun
¹ variation	zerau		tswo			funuf				neugen
			zvou			tuni s				
	0	1	2	3	4	5	6	7	8	9
French	zero	un	deux	trois	quatre	ci nq	si x	sept	hui t	neuf
Spanish	cero	uno	dos	tres	cuatro	ci nco	sei s	si ete	ocho	nueve
Romanian	zero	unu	doi	trei	patru	ci nci	s, ase	s, apte	opt	nouâ
	0	1	2	3	4	5	6	7	8	9
Polish	zero	j eden	dwa	trzy	cztery	pi e, c'	szes' c'	si edem	osi em	dzi ewi e, c'
Bulgarian	nul	edí n	dva	tri	chétiri	pet	shest	sédem	ósem	évet
Slovak*	nul a	j eden	dva	tri	shtyri	pät'	shest'	sedem	osem	devät'
*West	nul a	j eden	dva	try	shtyry	pet	shest	sedem	ossem	devat
*East	nul a	j eden	dva	tri	shtyri	pej c	shesc	shedzem	osem	dzevec
Serbo-Croat	nul a	j èdan	dvâ	trî	chètiri	pêt	shêst	sëdam	ösam	dëve: t
Slovene	nul a	ena	dva	tri	shtiri	pet	shest	sedem	osem	devet

² Some German numerals have a radio accent. The numbers in question are:

2 - **ZWEI** pronounced by some TXs, as **TSWO**
 5 - **FUNF** some pronounce it as **FUNUF**, possibly heard as a fast **TUNIS**
 9 - **NEUN** pronounced by some as **NEUGEN**.

This is totally in keeping with some German armed forces stations and corresponds to our WUN, FOWER, FIFE, NINER

Numeral systems used on selected Slavic Stations [Stations apparently discontinued]

No.	S11a Cherta	S10d	S11 Presta	S17c
0	nul	nul a ³	zero	nul a ³
1	adi nka	j eden ⁴	yezi nka	j eden ⁴
2	dvoyka	dva	dvonta	dva
3	troyka	tri ⁵	troi ka	tri ⁵
4	chetyorka	shytri	chi di ri	shytri
5	petyorka	pyet	peyonta	pyet
6	shest	shest	shes	shest
7	syem	sedoom	sedm	sedoom
8	vosyem	osoom ⁶	osem	osoom ⁶
9	dyevyet	devyet	prunka	devyet

///NOTES:

³ Nula heard as nul

⁴ Jeden heard as yedi nar

⁵ Tri heard as 'she'

⁶ Osoom often heard as bosoom or vosoom.

Arabic Numerals [E25 and V08]

	0	1	2	3	4	5	6	7	8	9
Arabic:	si fr	wahid	i tni en	tal ata	arba	khamsa	sitta	saba	tamanya	ti ssa
	.	١	٢	٣	٤	٥	٦	٧	٨	٩

SPECIAL MATTERS:**Operation Jalla:** 0**MESSAGES:****RELEVANT WEBSITES**

ENIGMA 2000 Website:

<http://www.enigma2000.org.uk>

Frequency Details can be downloaded from:

<http://www.cvni.net/radio/>

More Info on 'oddities' can be found on Brian of Sussex' excellent web pages:

<http://www.brogers.dsl.pipex.com/page2.html>

Time zone information:

<http://www.timeanddate.com/library/abbreviations/timezones/>

Encyclopedia of Espionage, Intelligence, and Security

<http://www.espionageinfo.com/>**EyeSpyMag!**<http://www.eyespymag.com>

2011											
January				February				March			
Su	M	Tu	W	Th	F	Sa	Su	M	Tu	W	Th
1	2	3	4	5	6	7	8	9	10	11	12
9	10	11	12	13	14	15	13	14	15	16	17
16	17	18	19	20	21	22	20	21	22	23	24
23	24	25	26	27	28	29	27	28	29	30	31
April				May				June			
Su	M	Tu	W	Th	F	Sa	Su	M	Tu	W	Th
1	2	3	4	5	6	7	8	9	10	11	12
10	11	12	13	14	15	16	15	16	17	18	19
17	18	19	20	21	22	23	22	23	24	25	26
24	25	26	27	28	29	30	29	30	31		
July				August				September			
Su	M	Tu	W	Th	F	Sa	Su	M	Tu	W	Th
1	2	3	4	5	6	7	8	9	10	11	12
10	11	12	13	14	15	16	14	15	16	17	18
17	18	19	20	21	22	23	21	22	23	24	25
24	25	26	27	28	29	30	28	29	30		
October				November				December			
Su	M	Tu	W	Th	F	Sa	Su	M	Tu	W	Th
1	2	3	4	5	6	7	8	9	10	11	12
9	10	11	12	13	14	15	13	14	15	16	17
16	17	18	19	20	21	22	20	21	22	23	24
23	24	25	26	27	28	29	27	28	29	30	31

2012											
January				February				March			
Su	M	Tu	W	Th	F	Sa	Su	M	Tu	W	Th
1	2	3	4	5	6	7	8	9	10	11	12
9	10	11	12	13	14	15	16	17	18	19	20
15	16	17	18	19	20	21	22	23	24	25	26
22	23	24	25	26	27	28	29	30	31		
April				May				June			
Su	M	T	W	Th	F	Sa	Su	M	T	W	Th
1	2	3	4	5	6	7	8	9	10	11	12
9	10	11	12	13	14	15	13	14	15	16	17
16	17	18	19	20	21	22	20	21	22	23	24
22	23	24	25	26	27	28	27	28	29	30	31
July				August				September			
Su	M	Tu	W	Th	F	Sa	Su	M	Tu	W	Th
1	2	3	4	5	6	7	8	9	10	11	12
9	10	11	12	13	14	15	11	12	13	14	15
16	17	18	19	20	21	22	18	19	20	21	22
25	26	27	28	29	30	31	25	26	27	28	29
October				November				December			
Su	M	Tu	W	Th	F	Sa	Su	M	Tu	W	Th
1	2	3	4	5	6	7	8	9	10	11	12
7	8	9	10	11	12	13	11	12	13	14	15
14	15	16	17	18	19	20	18	19	20	21	22
21	22	23	24	25	26	27	21	22	23	24	25
28	29	30	31				28	29	30	31	

Source: Vertex42.com

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